

FIG.1

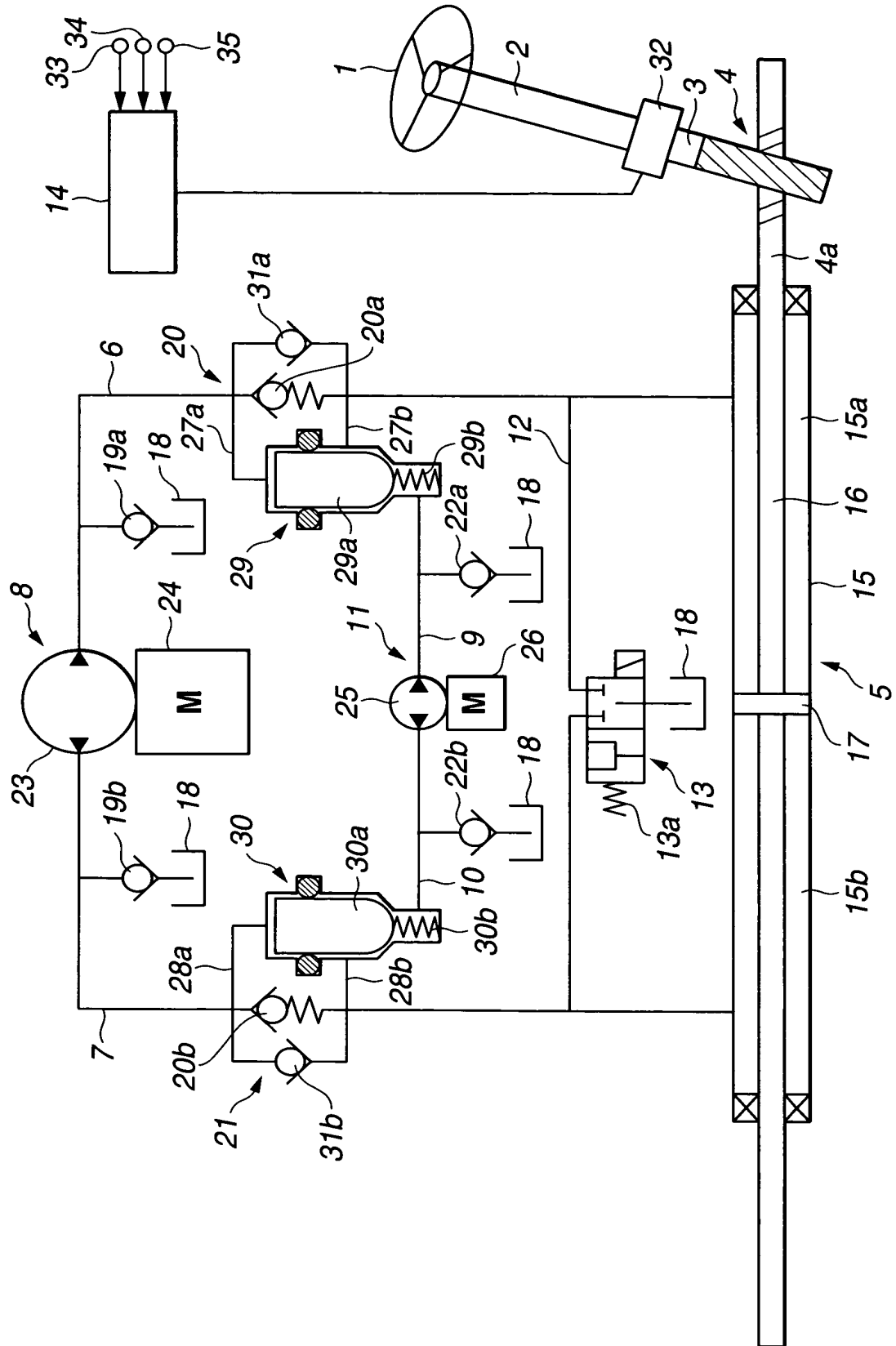


FIG.2

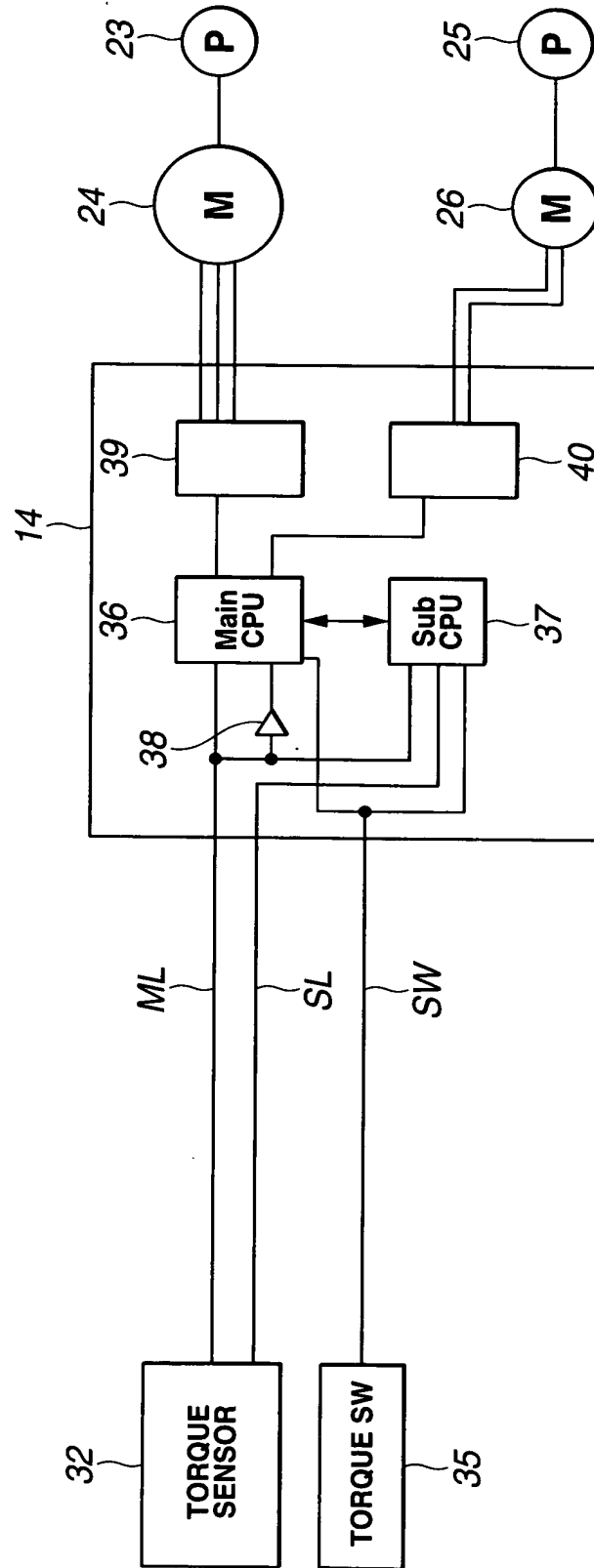


FIG.3

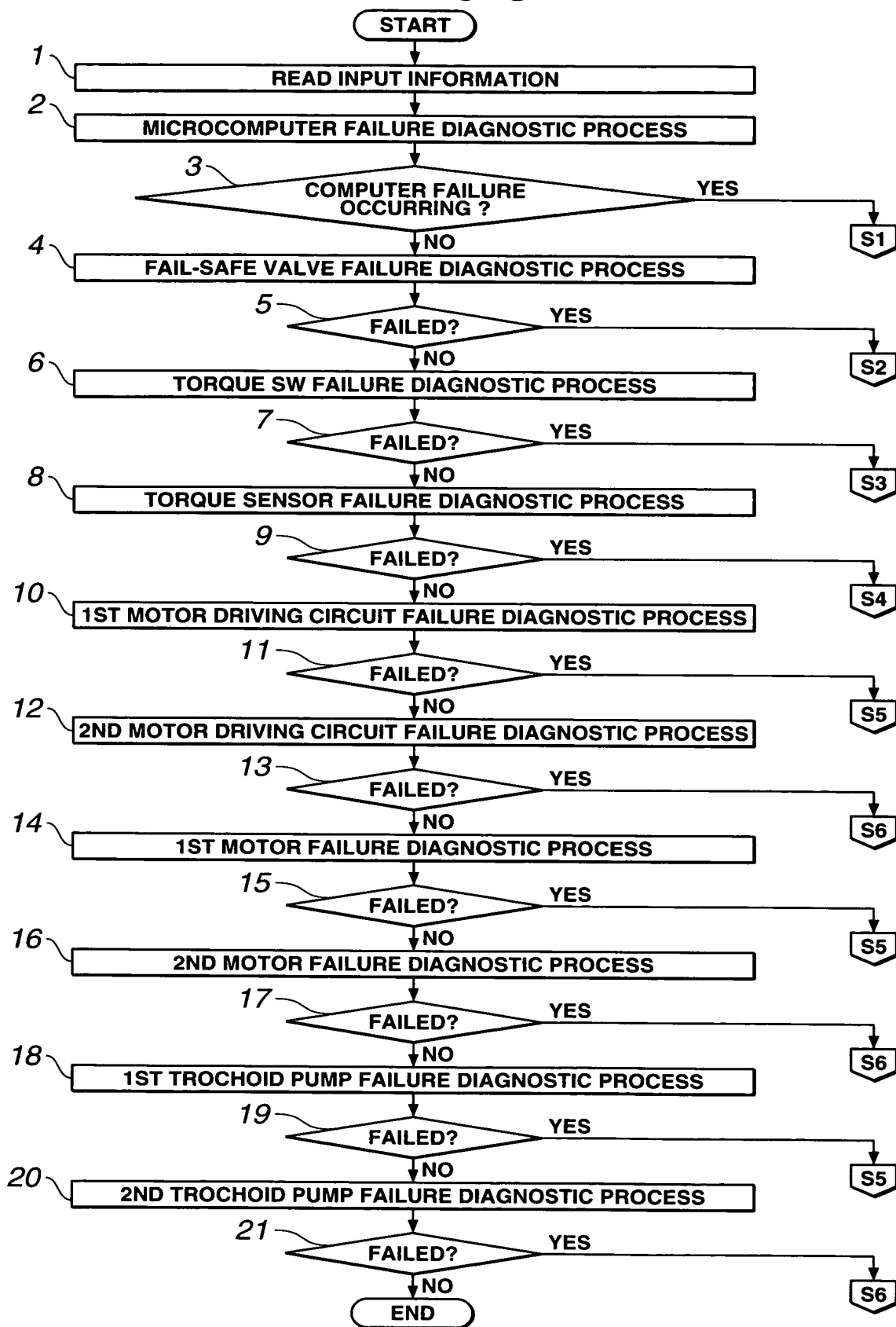


FIG.4

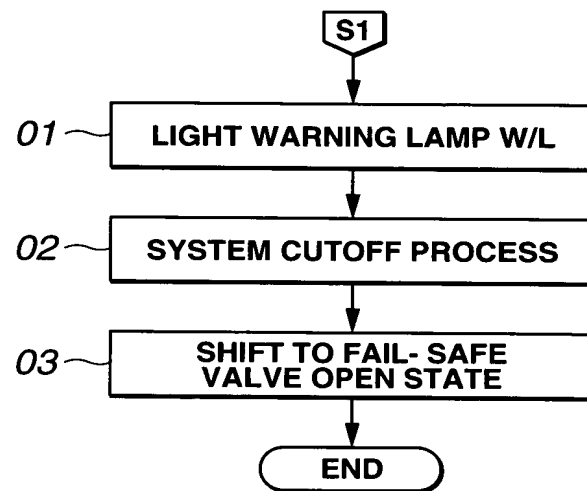


FIG.5

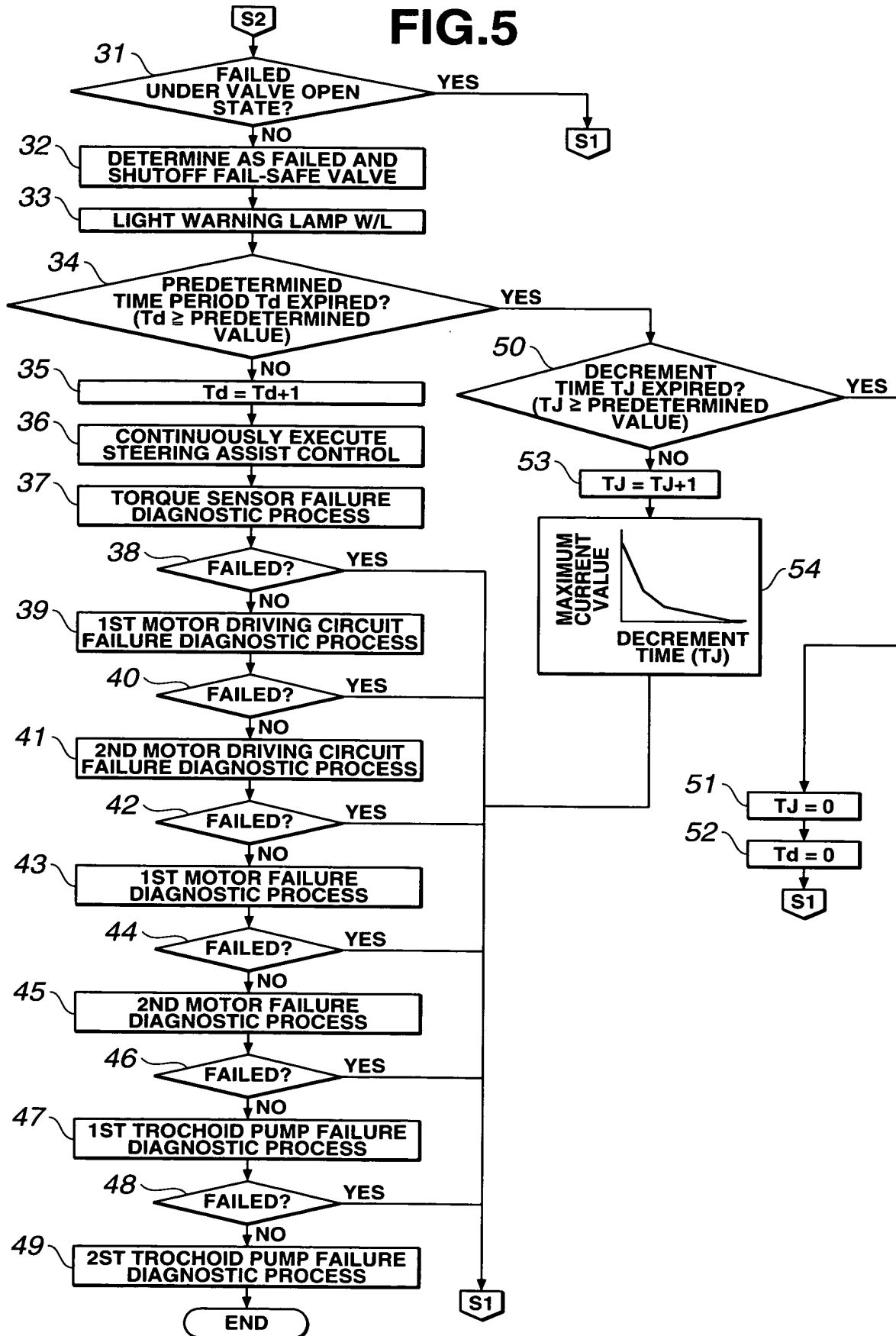


FIG.6

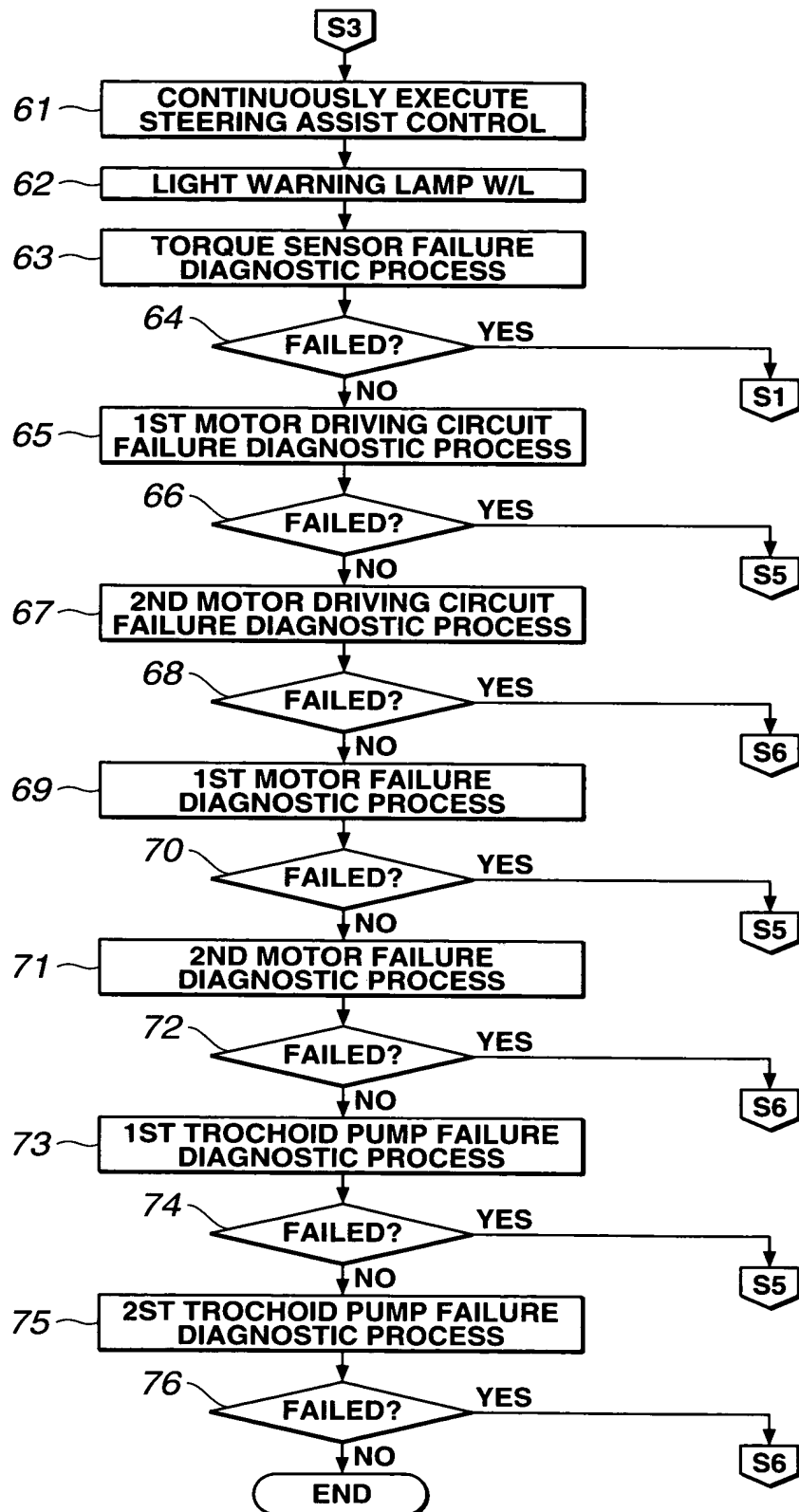


FIG.7

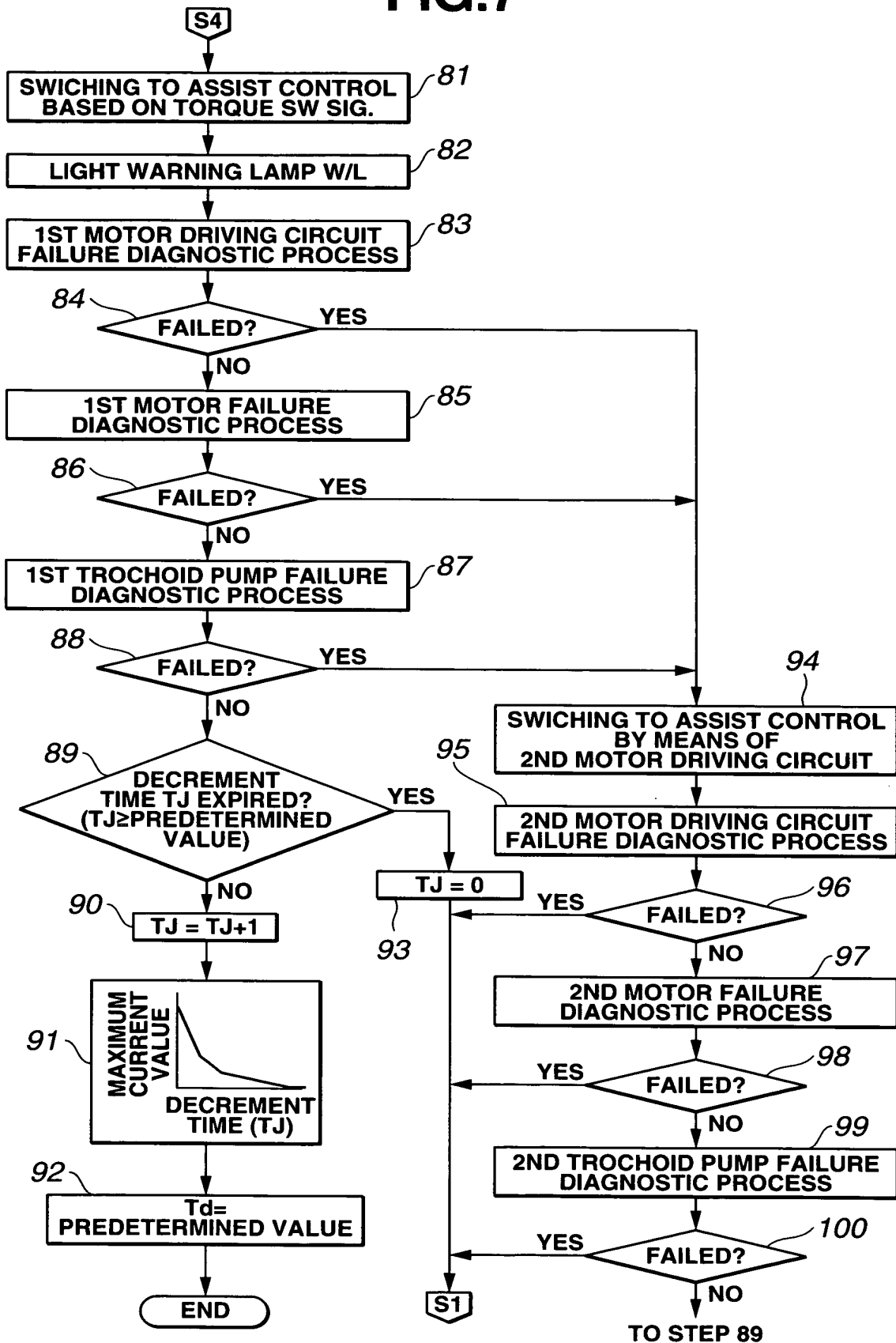


FIG.8

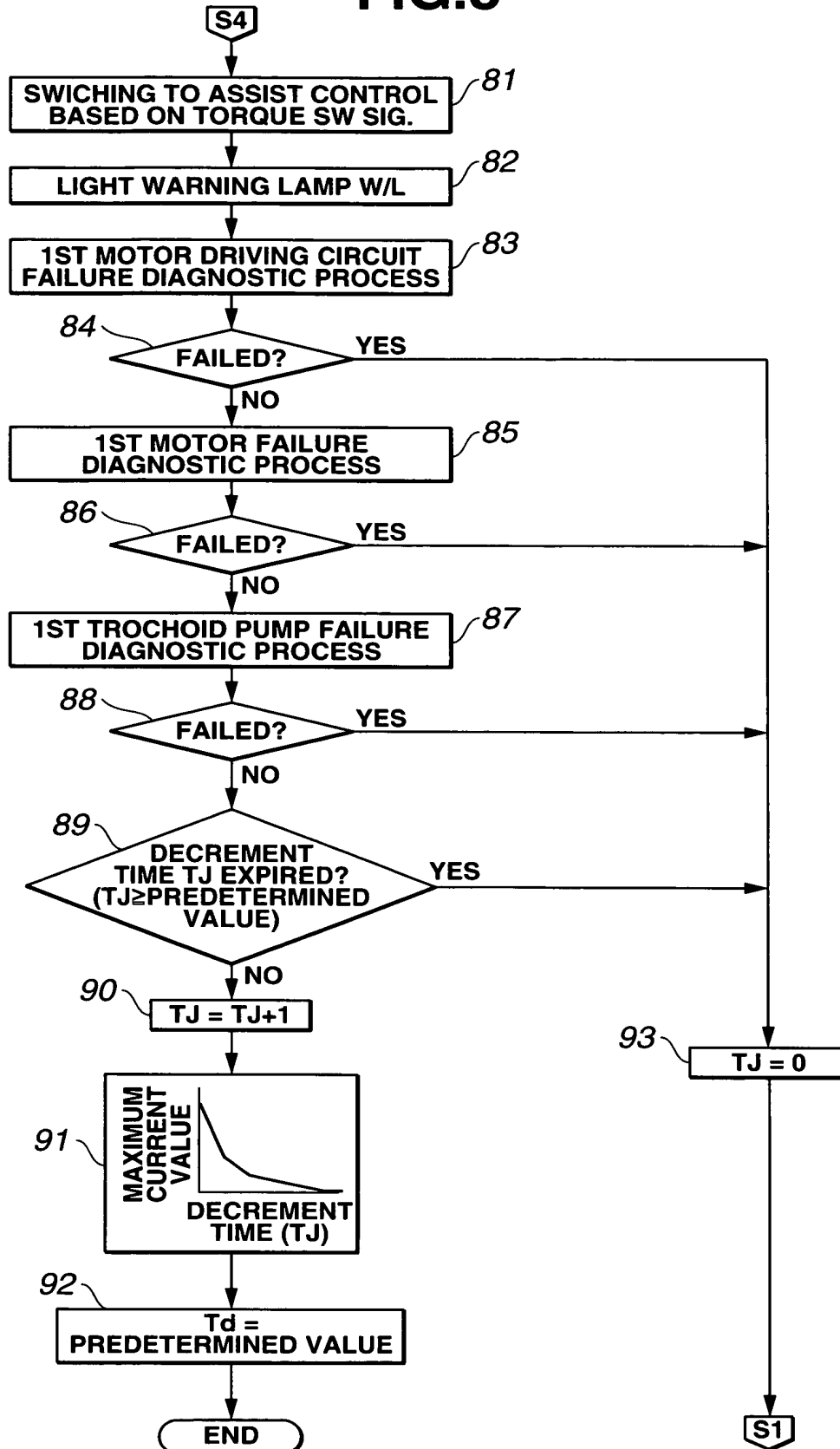


FIG. 9

```
graph TD
    S5{{S5}} --> 101[LIGHT WARNING LAMP W/L]
    101 --> 102[SWITCHING TO ASSIST CONTROL BASED ON 2ND MOTOR DRIVING CIRCUIT]
    102 --> 103{PREDETERMINED TIME PERIOD Td EXPIRED? (Td ≥ PREDETERMINED VALUE)}
    103 -- YES --> 113{DECREMENT TIME TJ EXPIRED? (TJ ≥ PREDETERMINED VALUE)}
    103 -- NO --> 104[Td = Td+1]
    104 --> 105[CONTINUOUSLY EXECUTE STEERING ASSIST CONTROL]
    105 --> 106[SWITCHING TO ASSIST CONTROL BASED ON 2ND MOTOR DRIVING CIRCUIT]
    106 --> 107[2ND MOTOR DRIVING CIRCUIT FAILURE DIAGNOSTIC PROCESS]
    107 --> 108{FAILED?}
    108 -- YES --> S1{{S1}}
    108 -- NO --> 109[2ND MOTOR FAILURE DIAGNOSTIC PROCESS]
    109 --> 110{FAILED?}
    110 -- YES --> S1
    110 -- NO --> 111[2ND TROCHOID PUMP FAILURE DIAGNOSTIC PROCESS]
    111 --> 112{FAILED?}
    112 -- YES --> S1
    112 -- NO --> END([END])
    113 -- YES --> 114[TJ = 0]
    114 --> S1
    113 -- NO --> 115[TJ = TJ+1]
    115 --> 116[GRAPH: MAXIMUM CURRENT VALUE vs. DECREMENT TIME (TJ)]
    116 --> 117[Td = PREDETERMINED VALUE]
    117 --> 107
```

FIG.10

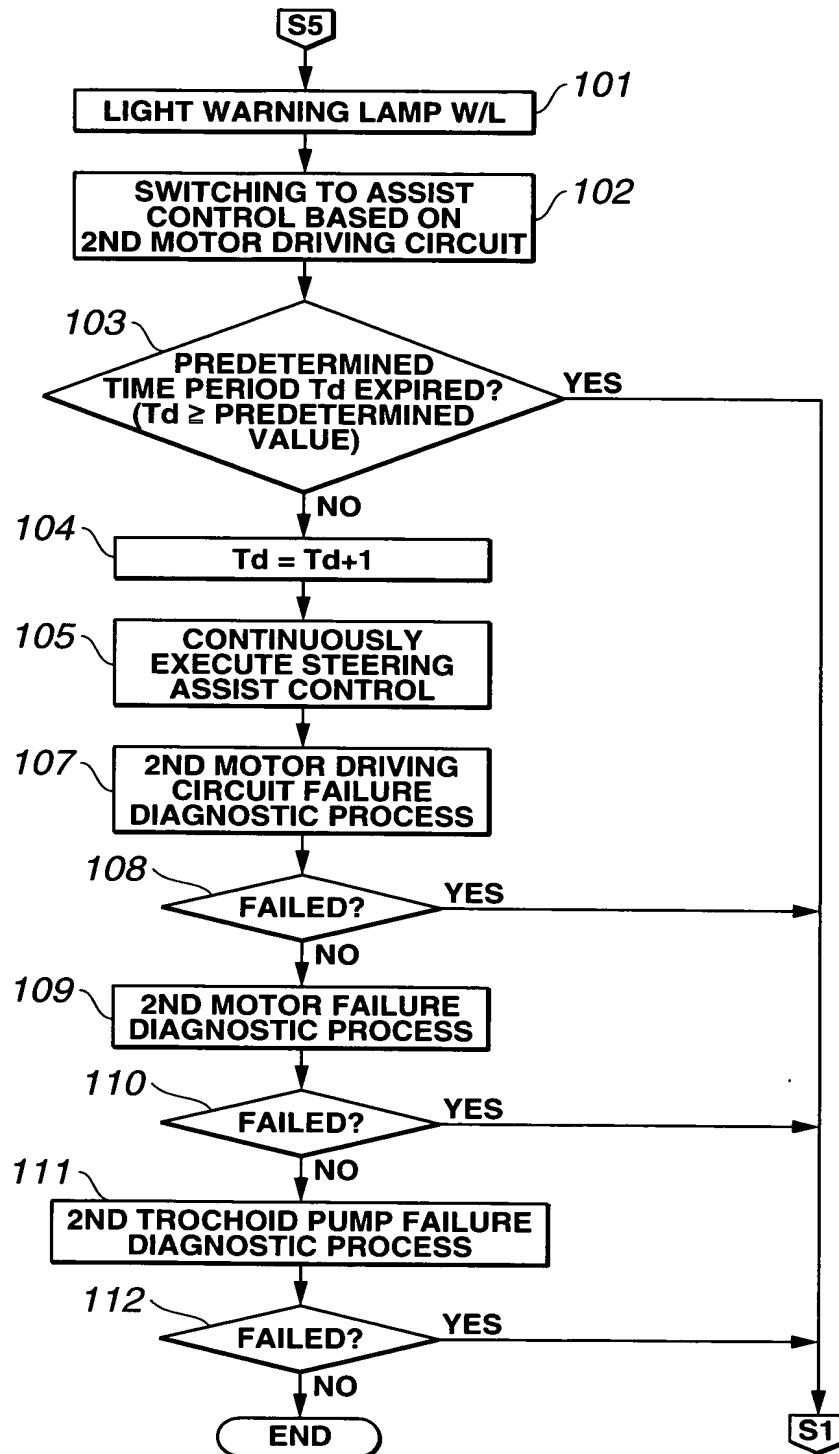


FIG.11

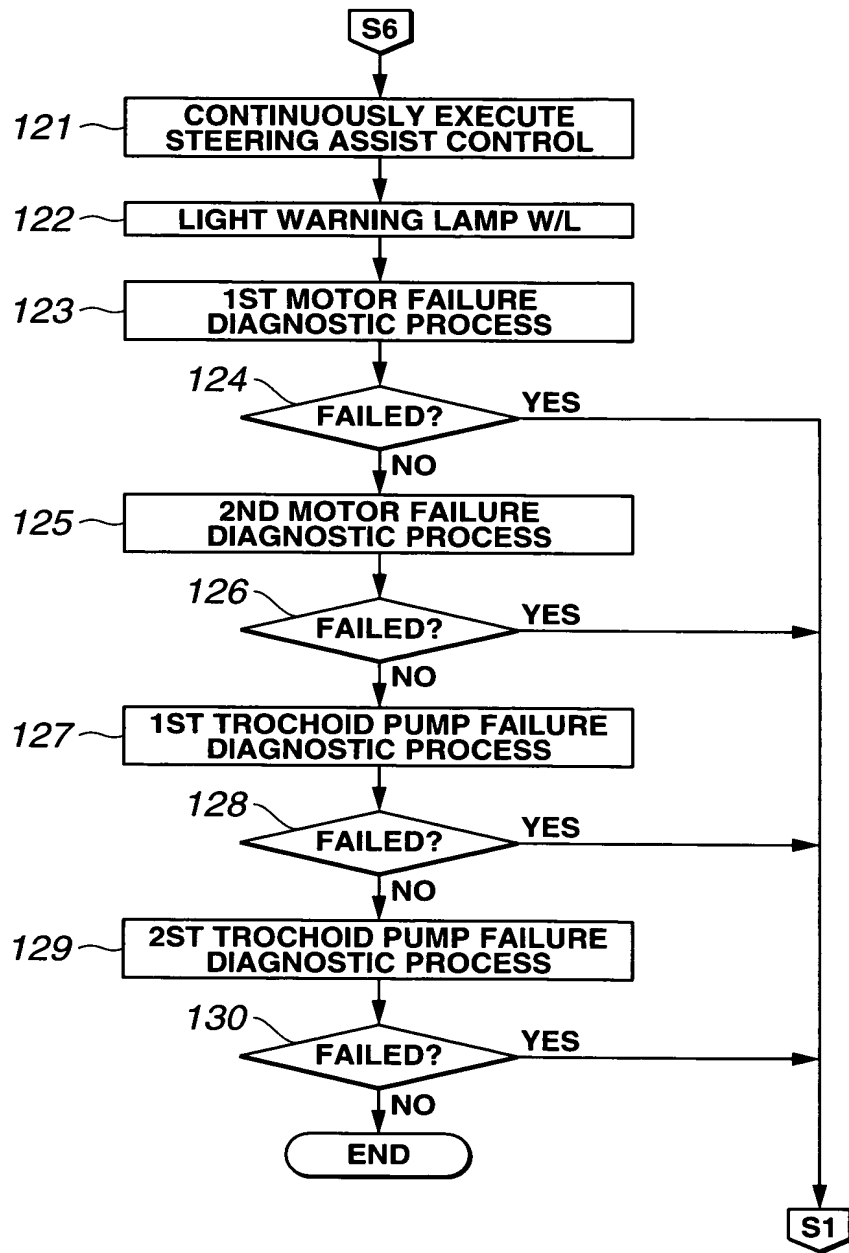


FIG.12

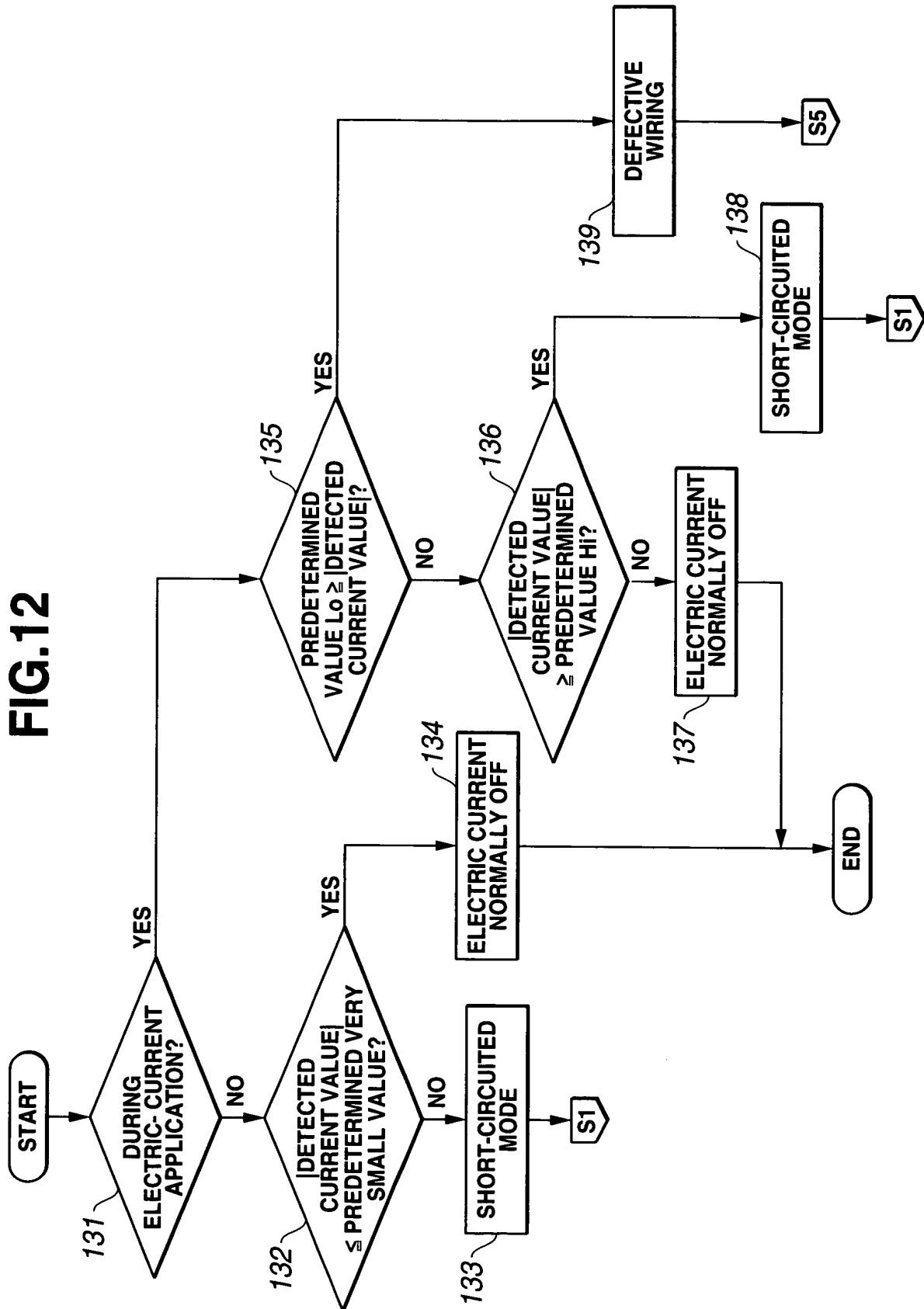


FIG.13

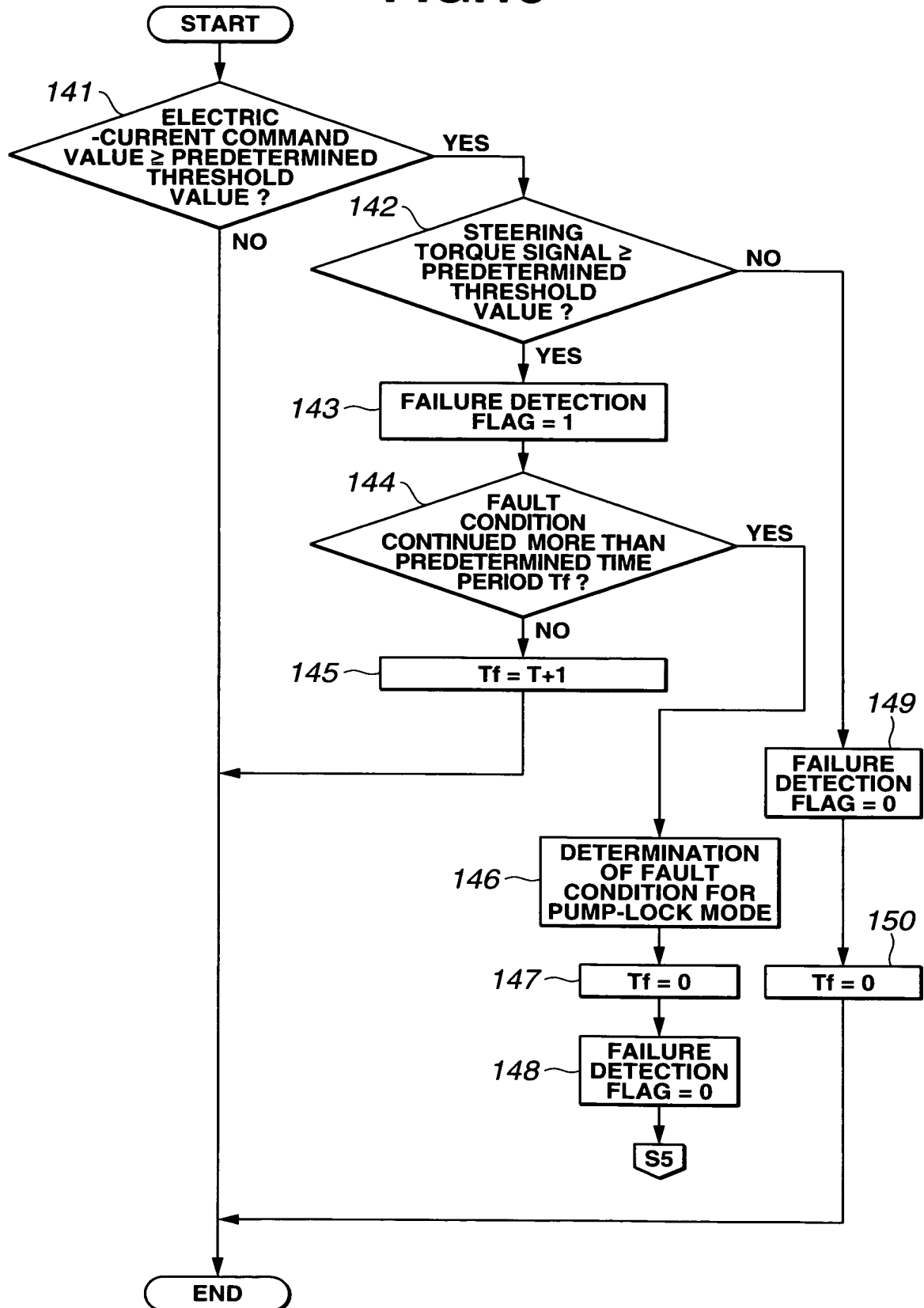


FIG.14

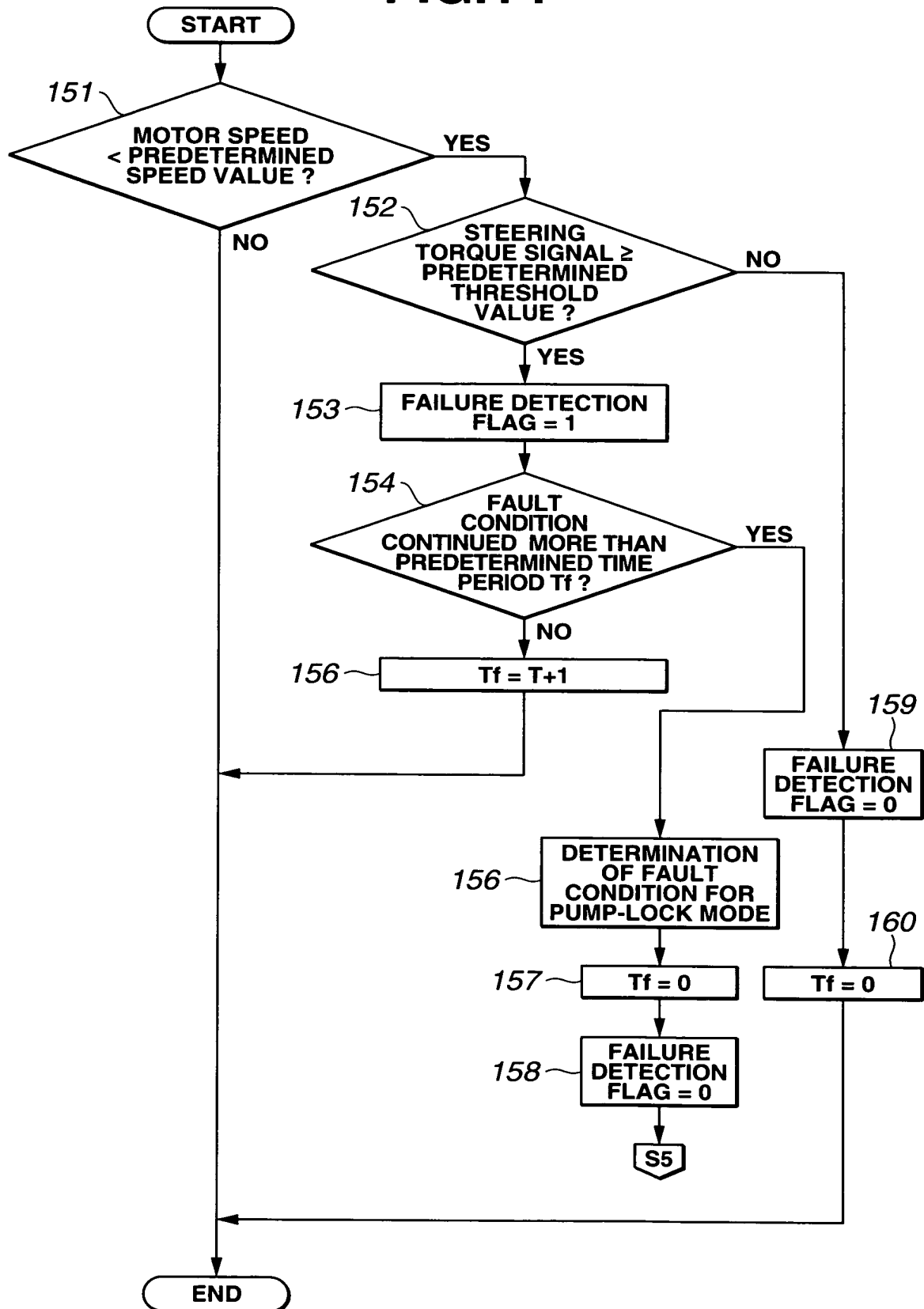


FIG.16

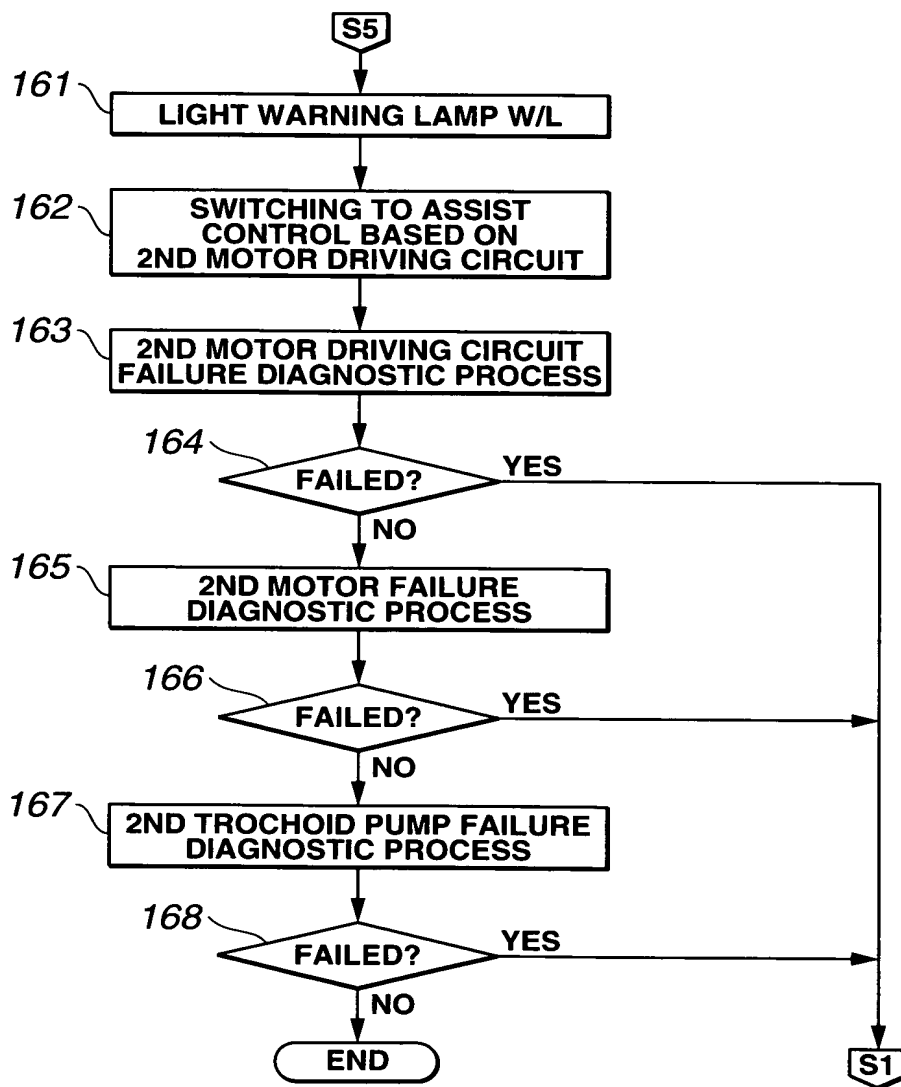


FIG.17

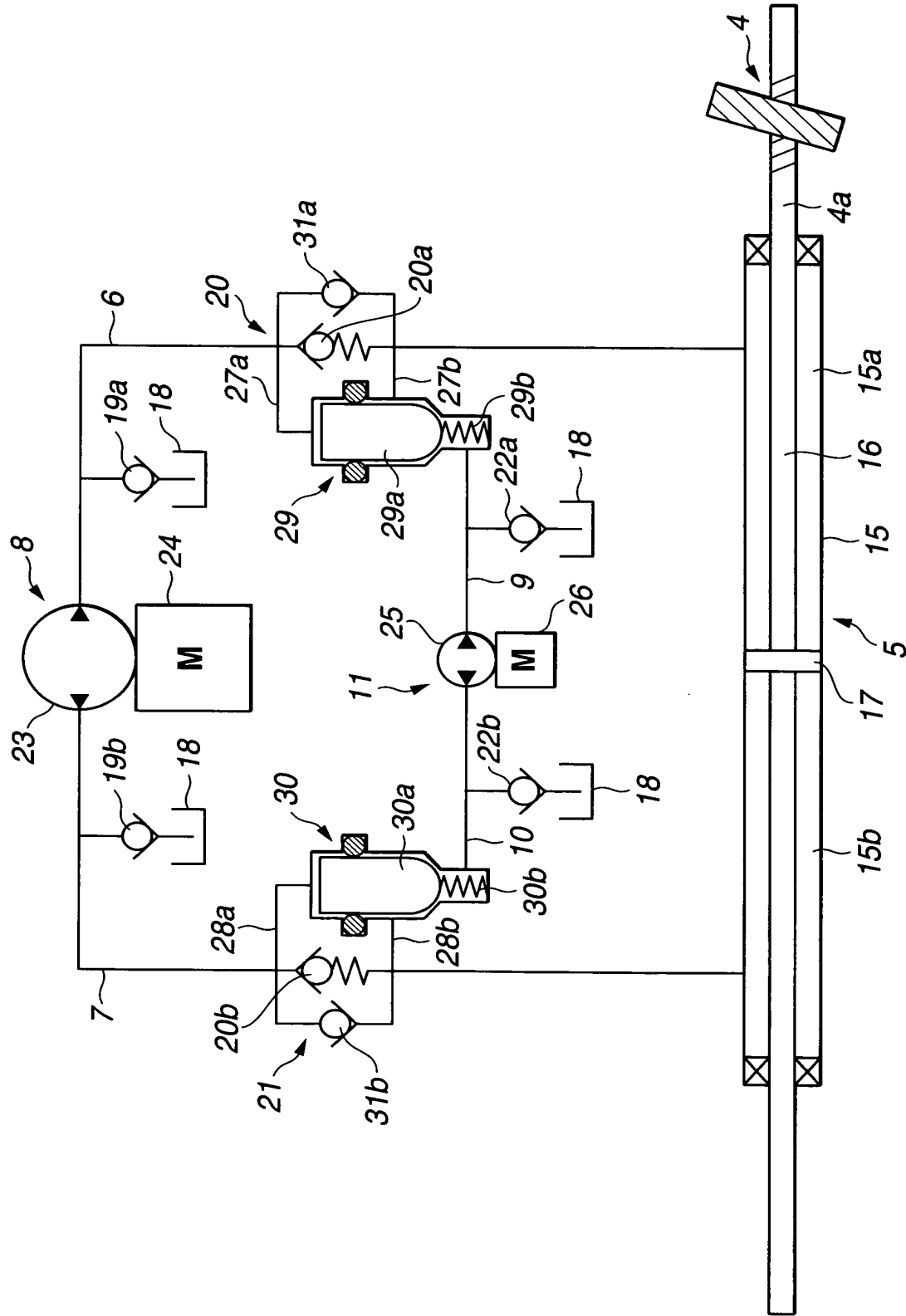
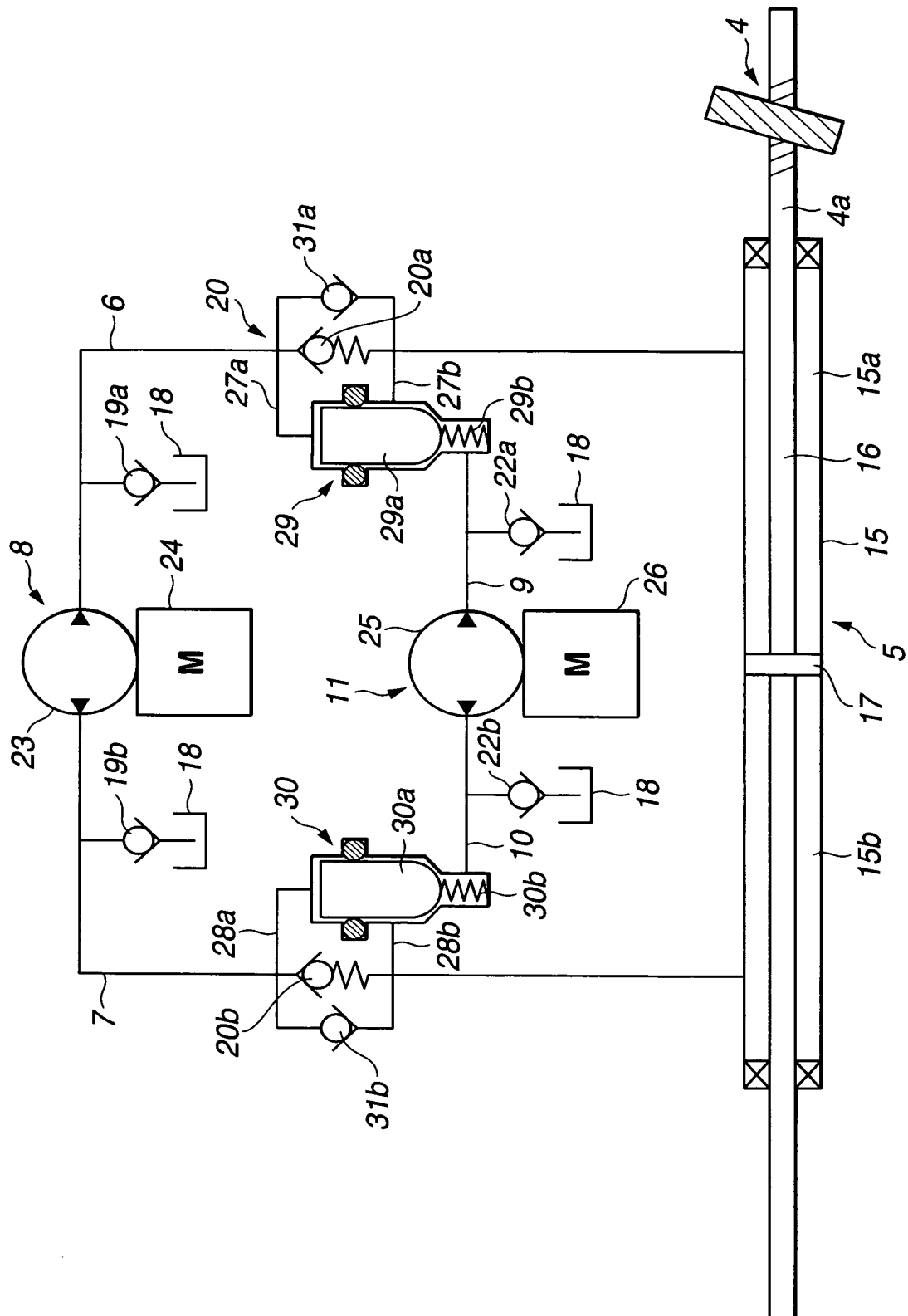


FIG. 18



The diagram illustrates a water supply system for a vehicle, showing the internal components and the external piping. The system is divided into two main sections by a vertical line, likely representing the vehicle's body.

Internal Components (Left Side):

- Water Tank (6):** A large rectangular container at the top left.
- Water Pump (8):** A circular component with an arrow indicating rotation, connected to the tank.
- Motor (24):** A rectangular component labeled 'M' connected to the pump.
- Check Valve (19a):** A valve symbol connected to the pump's output.
- Pressure Gauge (18):** A circular gauge symbol connected to the line after the check valve.
- Water Pump (11):** A second circular component with an arrow, connected to the main supply line.
- Motor (26):** A second rectangular component labeled 'M' connected to the second pump.
- Check Valve (22a):** A second valve symbol connected to the second pump's output.
- Pressure Gauge (18):** A second circular gauge symbol connected to the line after the second check valve.

Internal Components (Right Side):

- Water Tank (7):** A large rectangular container at the top right.
- Water Pump (23):** A circular component with an arrow, connected to the tank.
- Motor (24):** A rectangular component labeled 'M' connected to the pump.
- Check Valve (19b):** A valve symbol connected to the pump's output.
- Pressure Gauge (18):** A circular gauge symbol connected to the line after the check valve.
- Water Pump (25):** A second circular component with an arrow, connected to the main supply line.
- Motor (26):** A second rectangular component labeled 'M' connected to the second pump.
- Check Valve (22b):** A second valve symbol connected to the second pump's output.
- Pressure Gauge (18):** A second circular gauge symbol connected to the line after the second check valve.

External Components (Bottom):

- Water Supply Line (4):** A horizontal line at the bottom, with a section labeled 4a.
- Water Inlet (5):** A vertical line on the left, with a section labeled 5a.
- Water Outlet (15):** A vertical line on the right, with a section labeled 15a.
- Water Inlet (17):** A vertical line on the left, with a section labeled 17a.
- Water Outlet (15b):** A vertical line on the right, with a section labeled 15b.

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FIG. 20

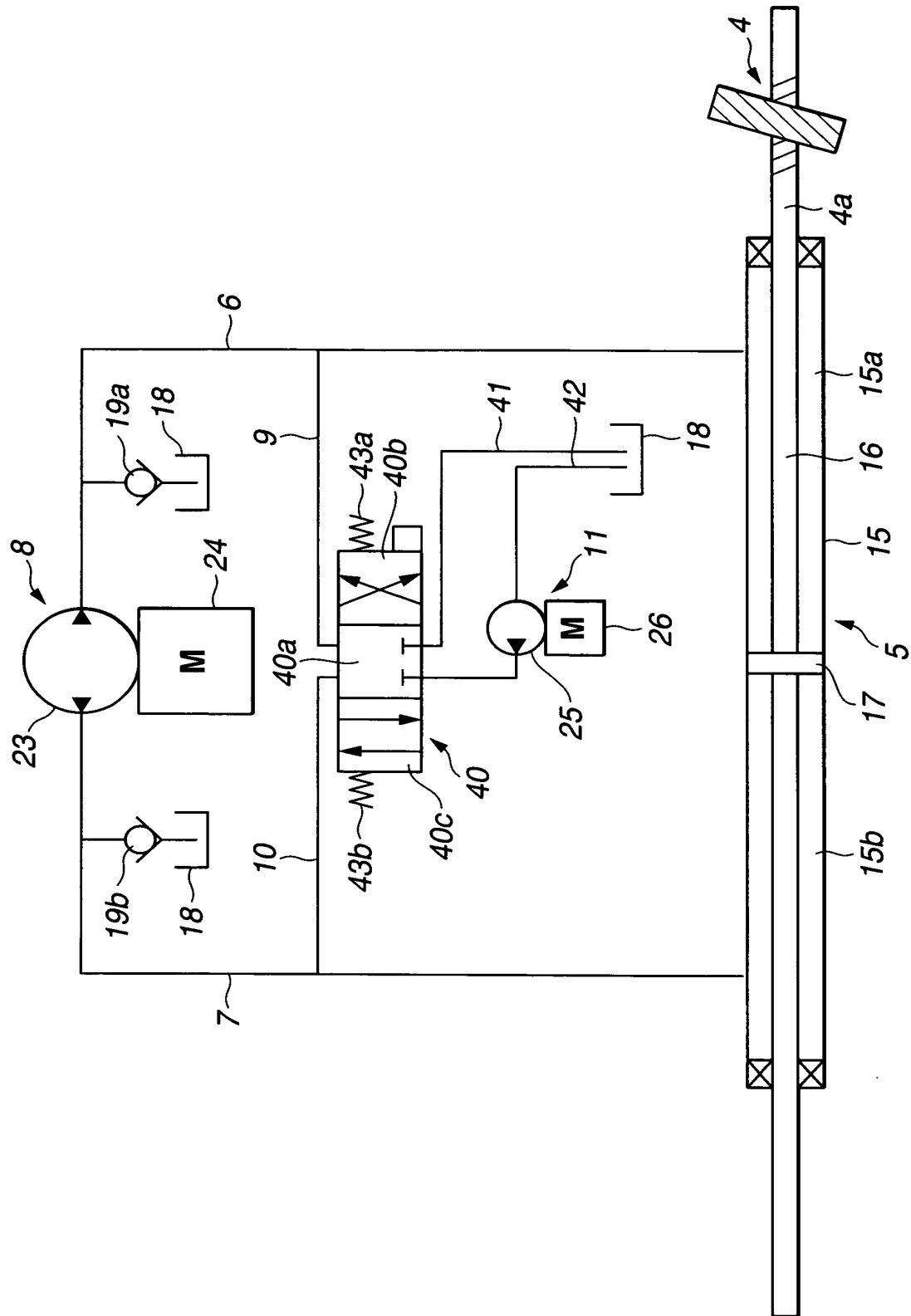


FIG.21

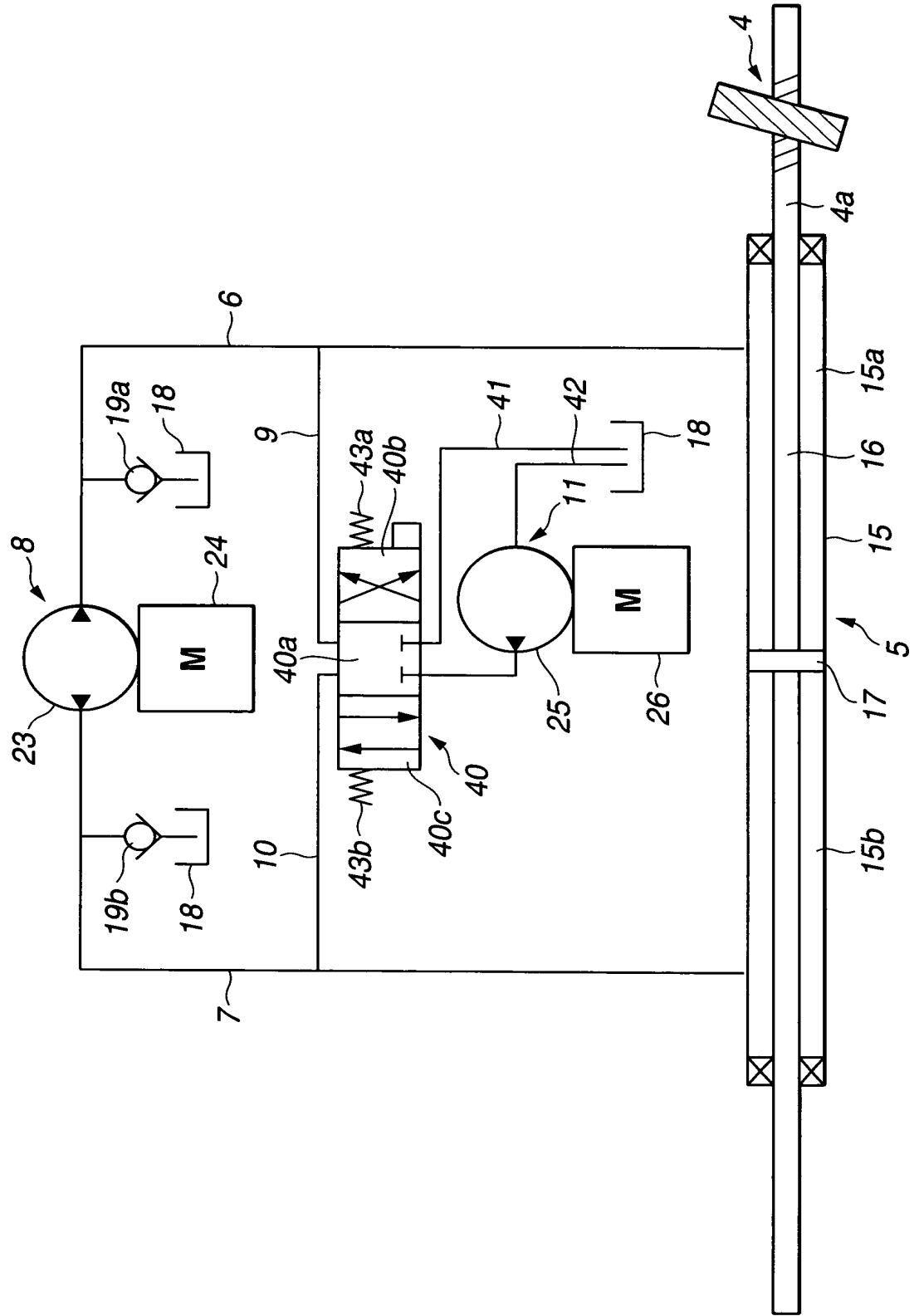
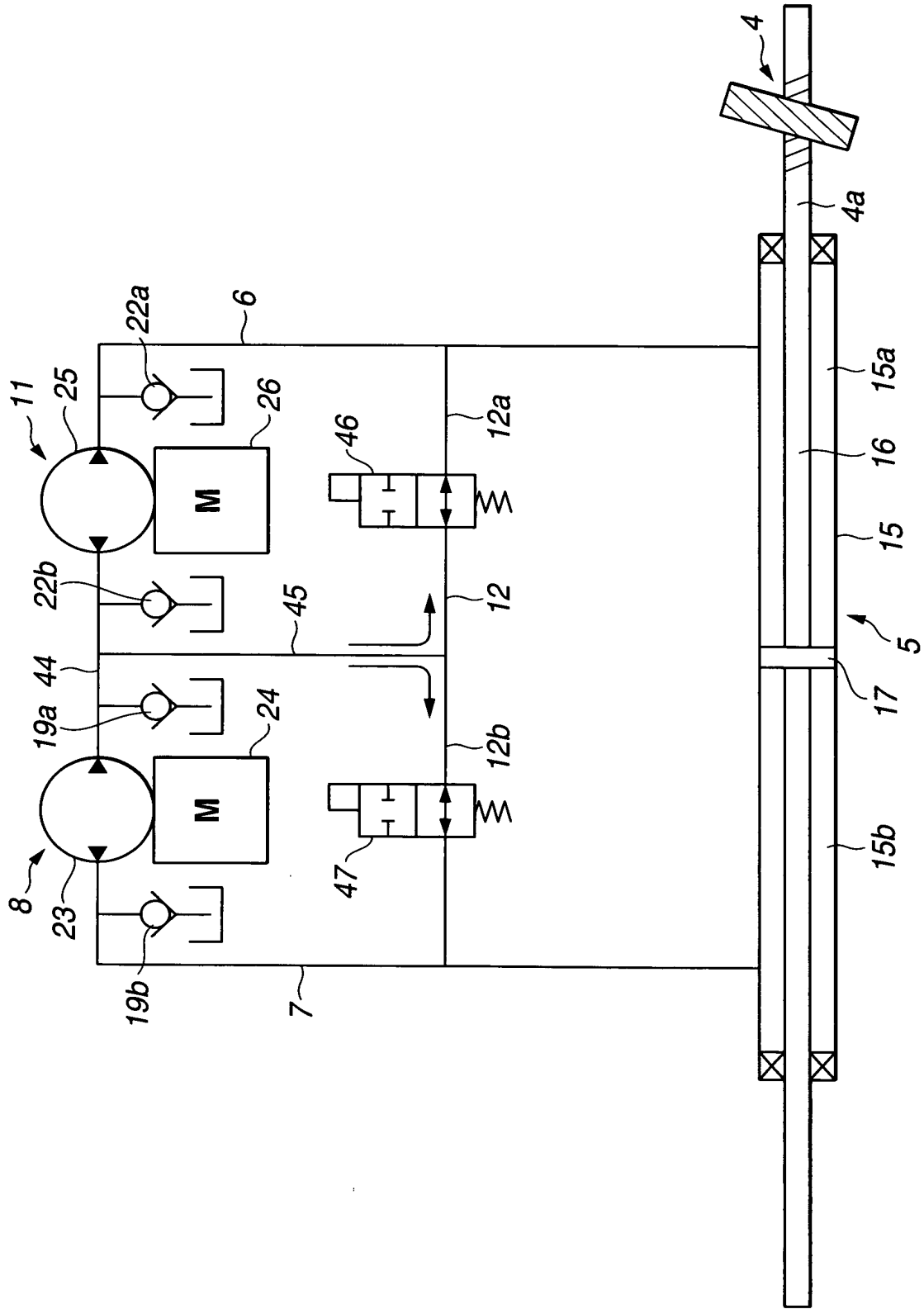


FIG.22



Title: POWER STEERING DEVICE AND
METHOD OF CONTROLLING THE POWER
STEERING DEVICE

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FIG.23

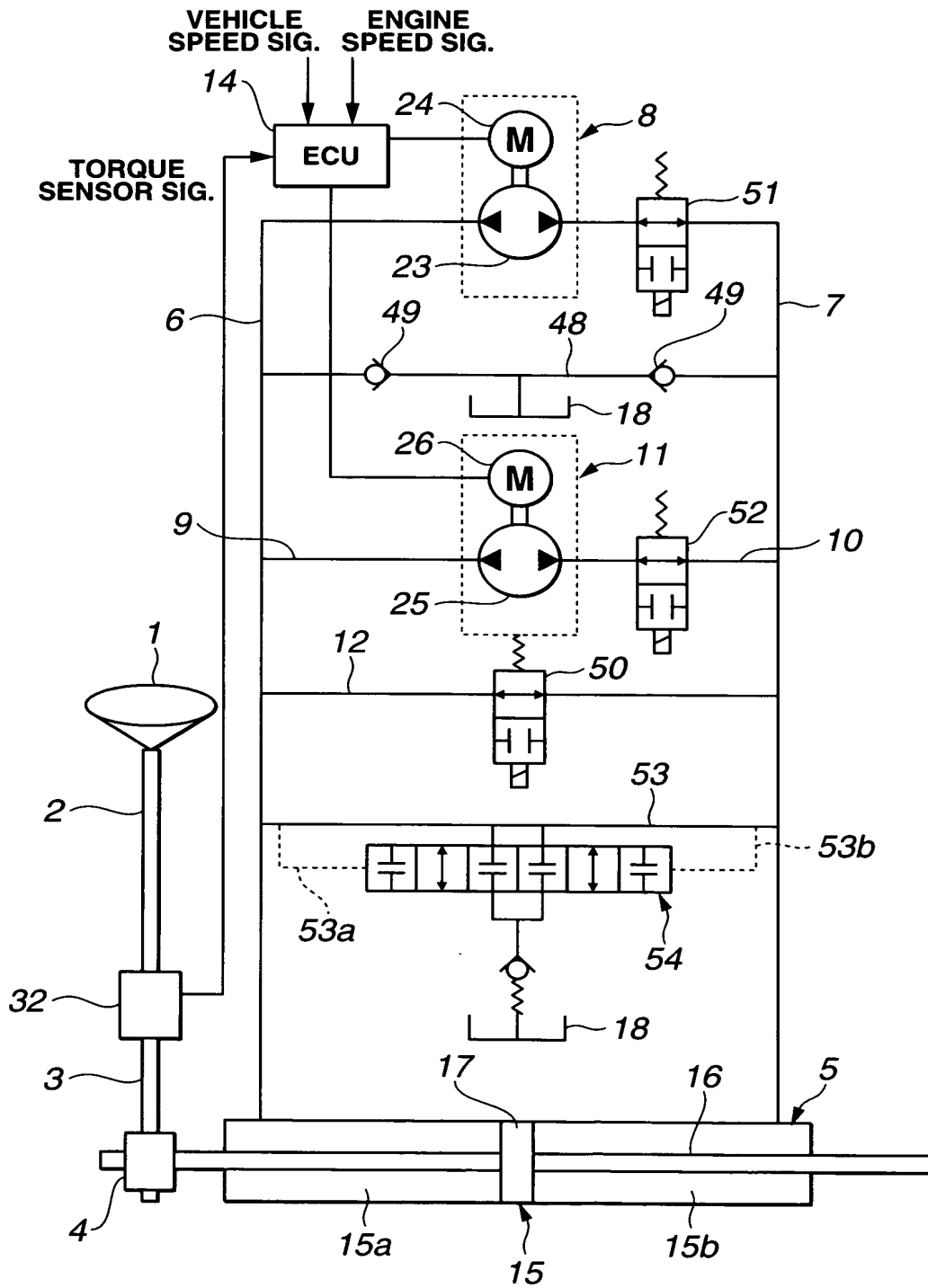


FIG.24

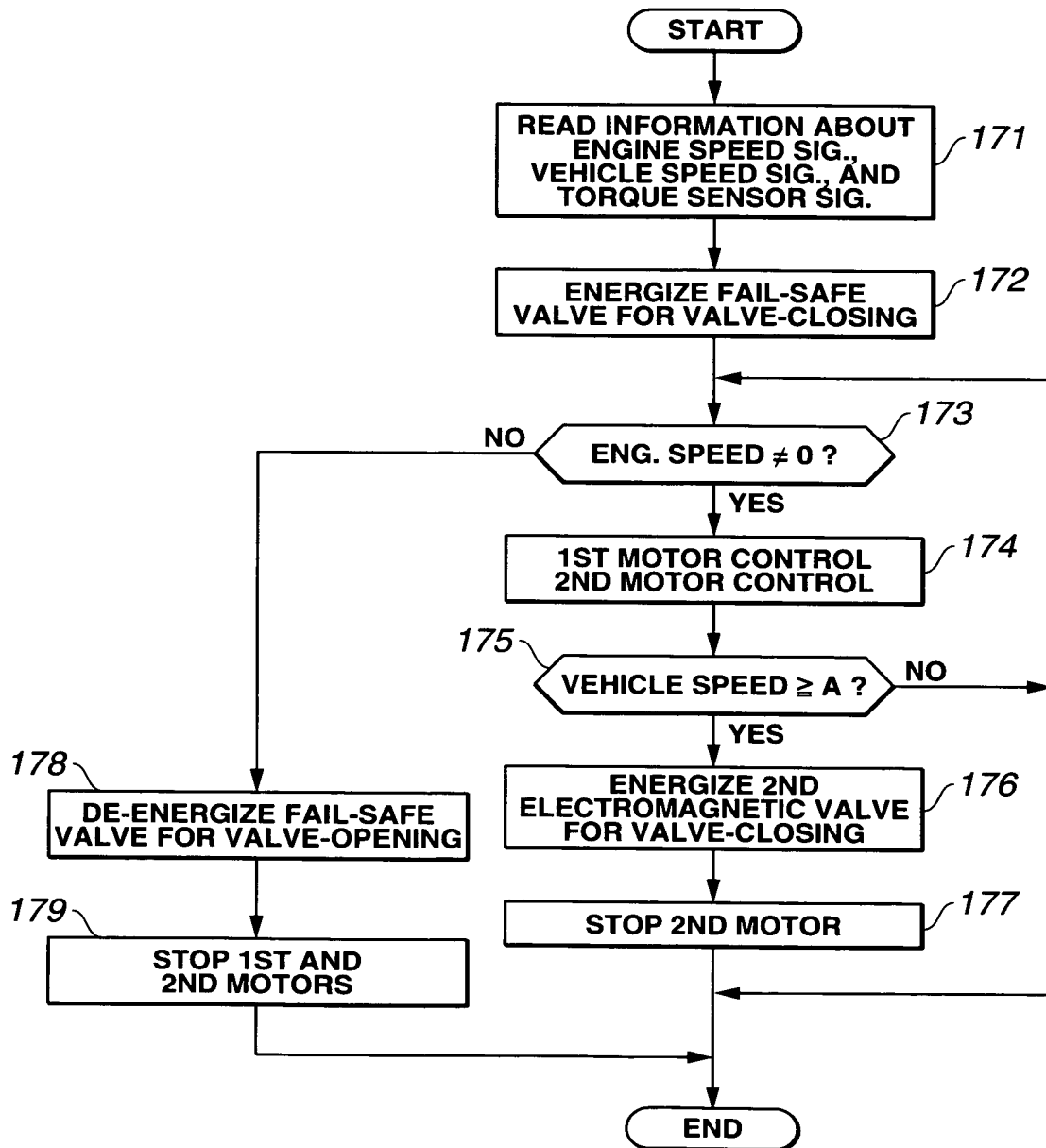
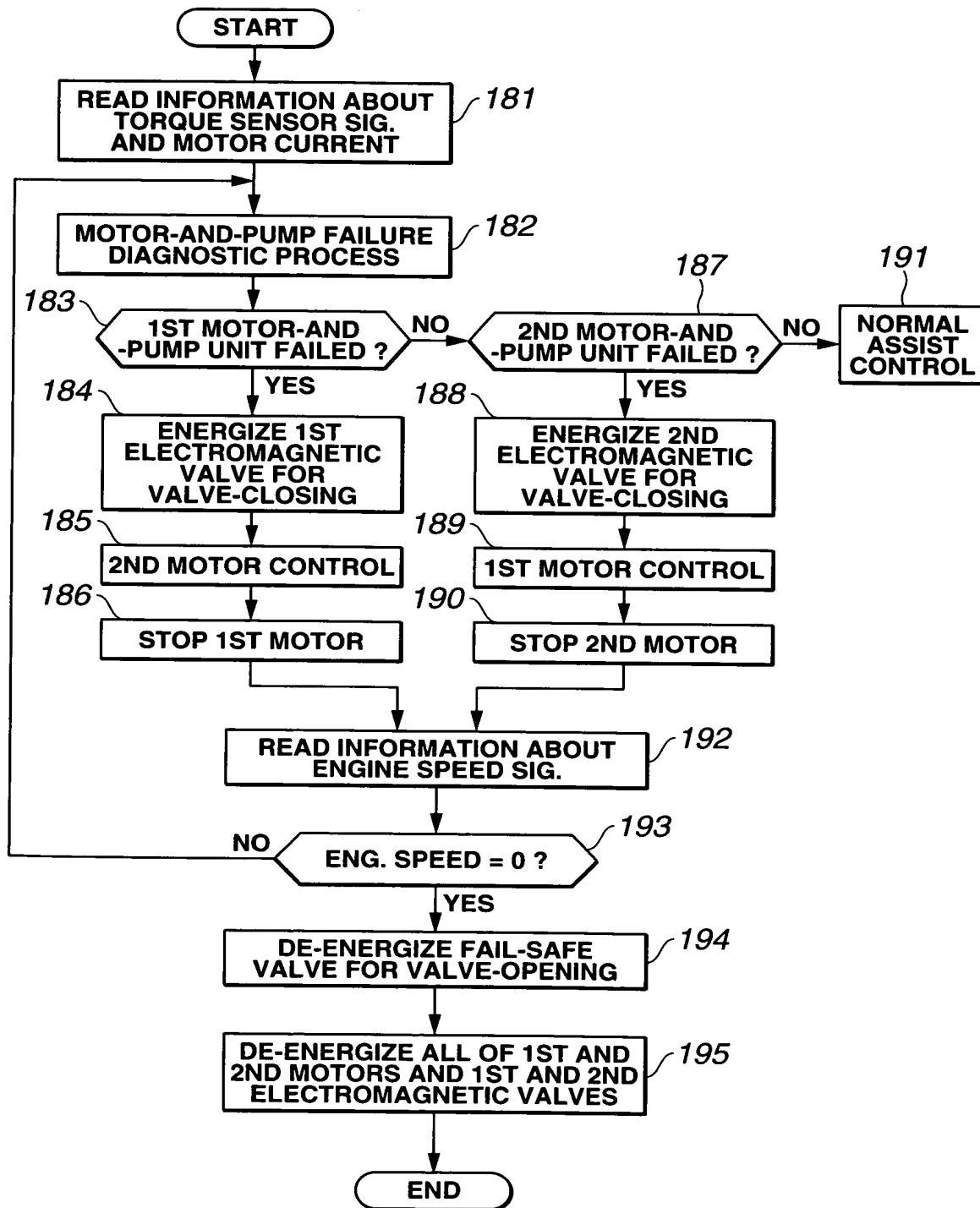


FIG.25



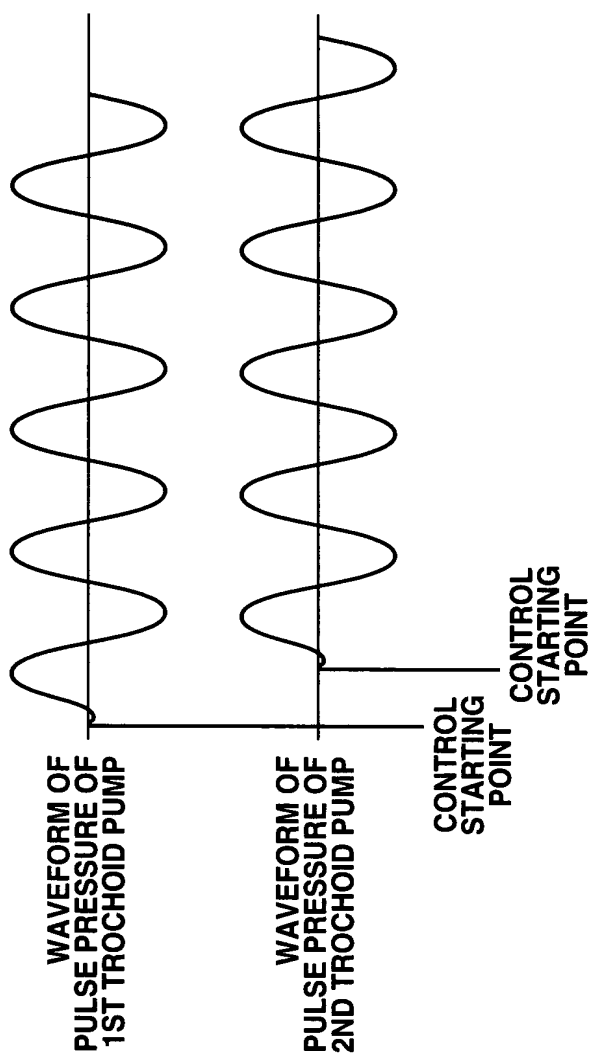


FIG. 26A

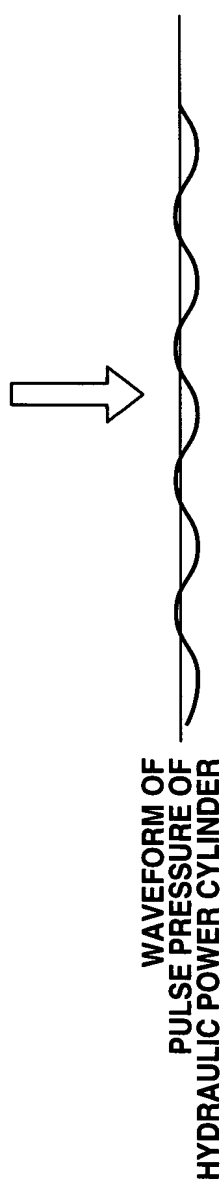


FIG. 26B

[illegible]

FIG. 28

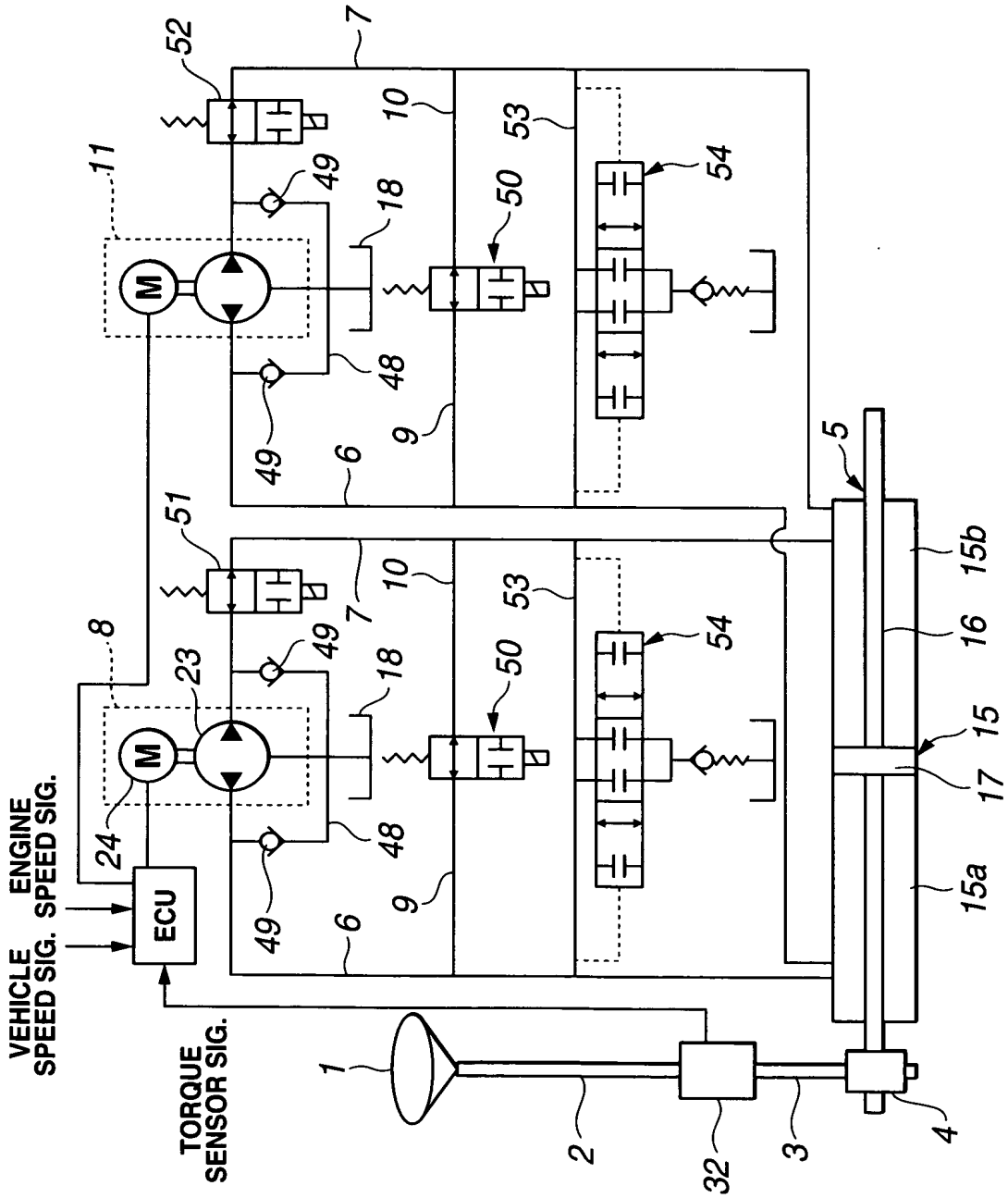


FIG.29

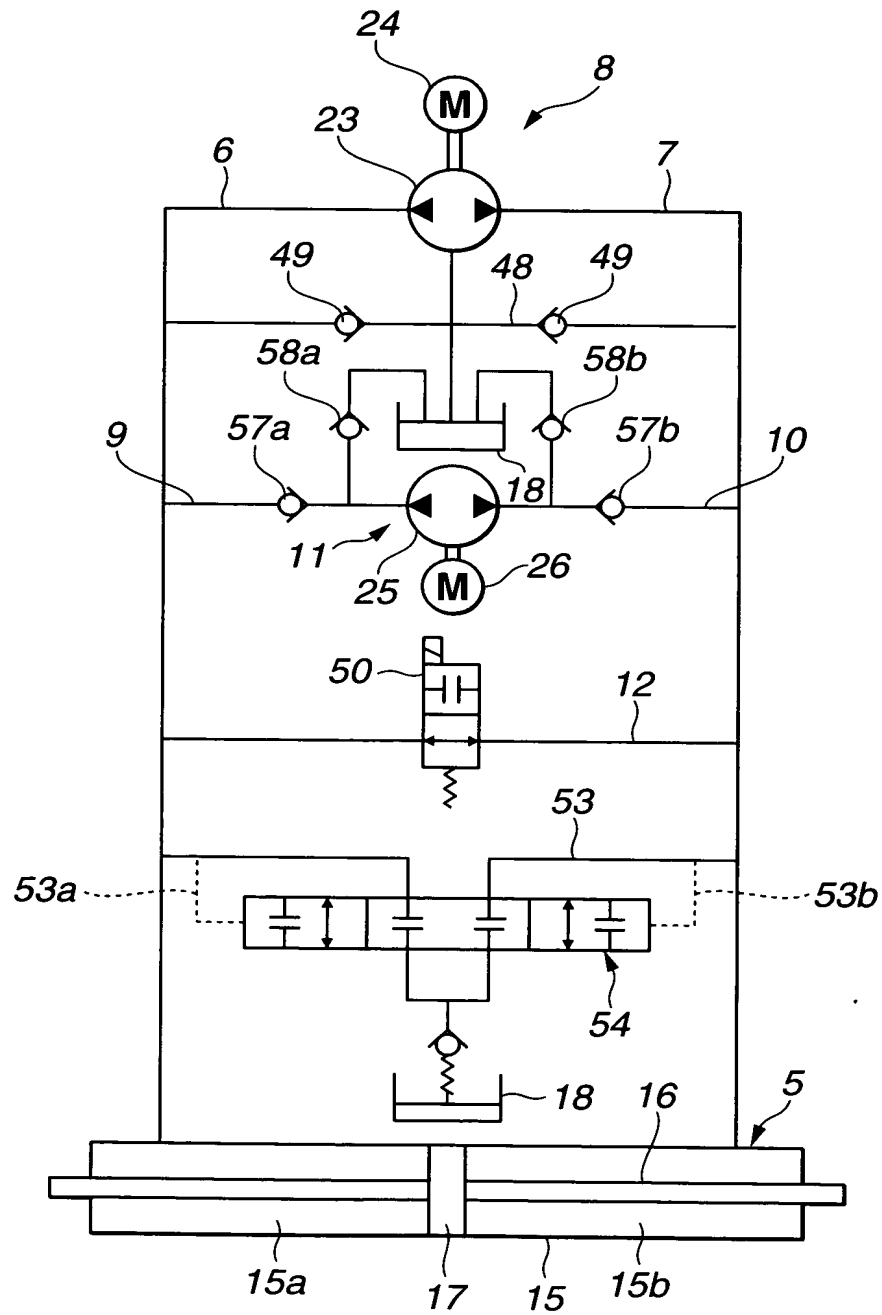
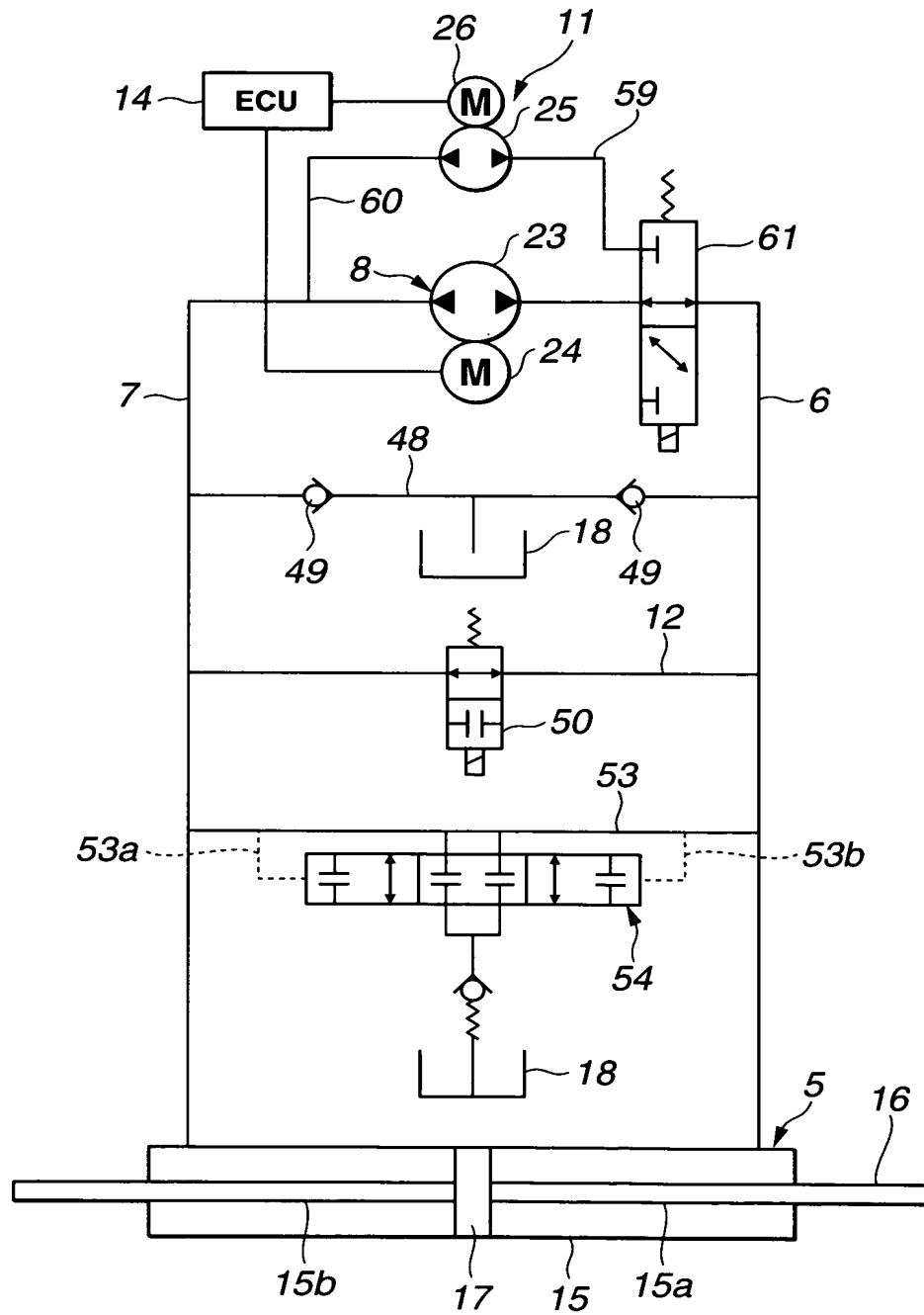


FIG.30



Title: POWER STEERING DEVICE AND
METHOD OF CONTROLLING THE POWER
STEERING DEVICE

Inventor(s): Mitsuo SASAKI et al.
DOCKET NO.: 023484-0222

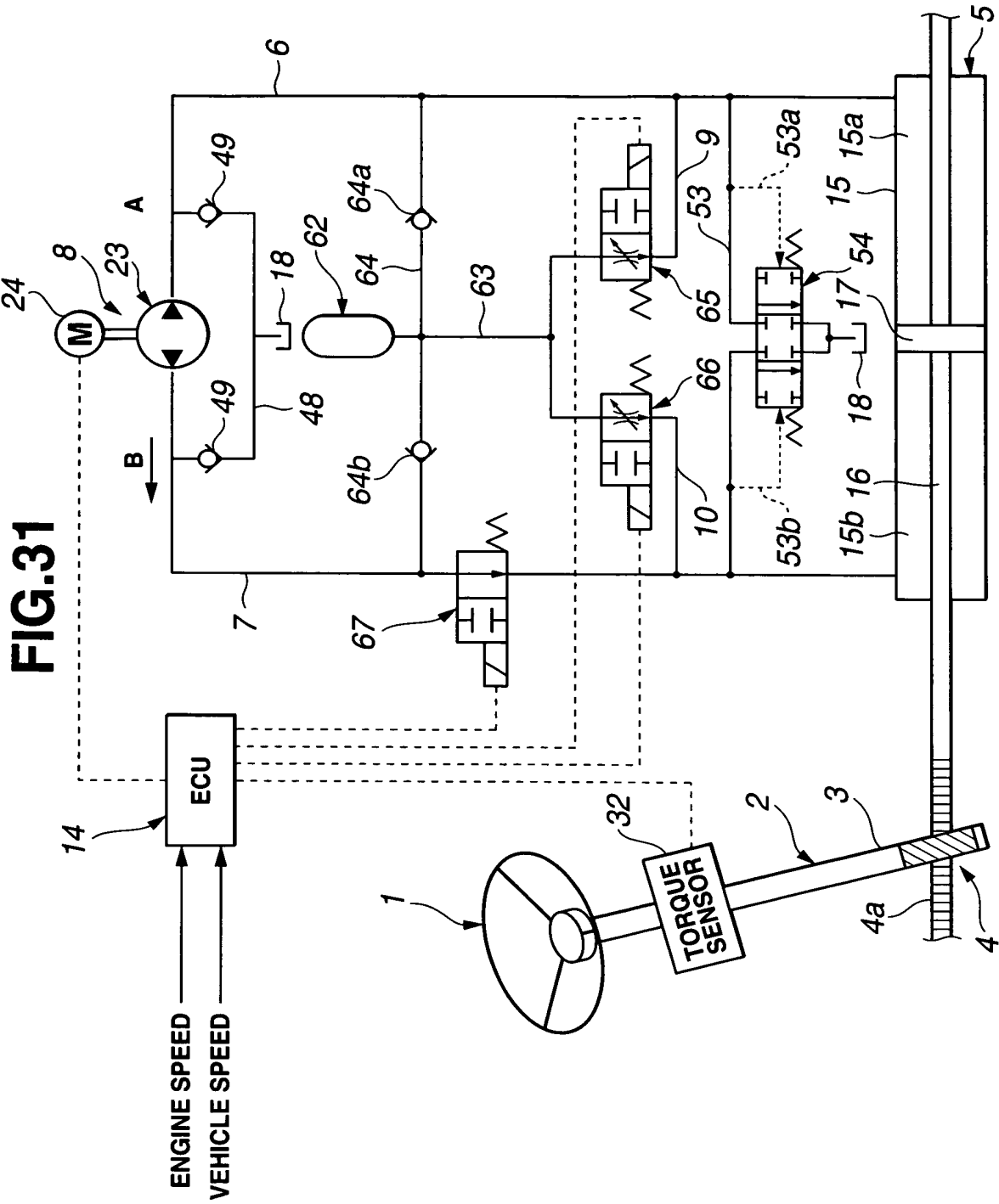


FIG.32

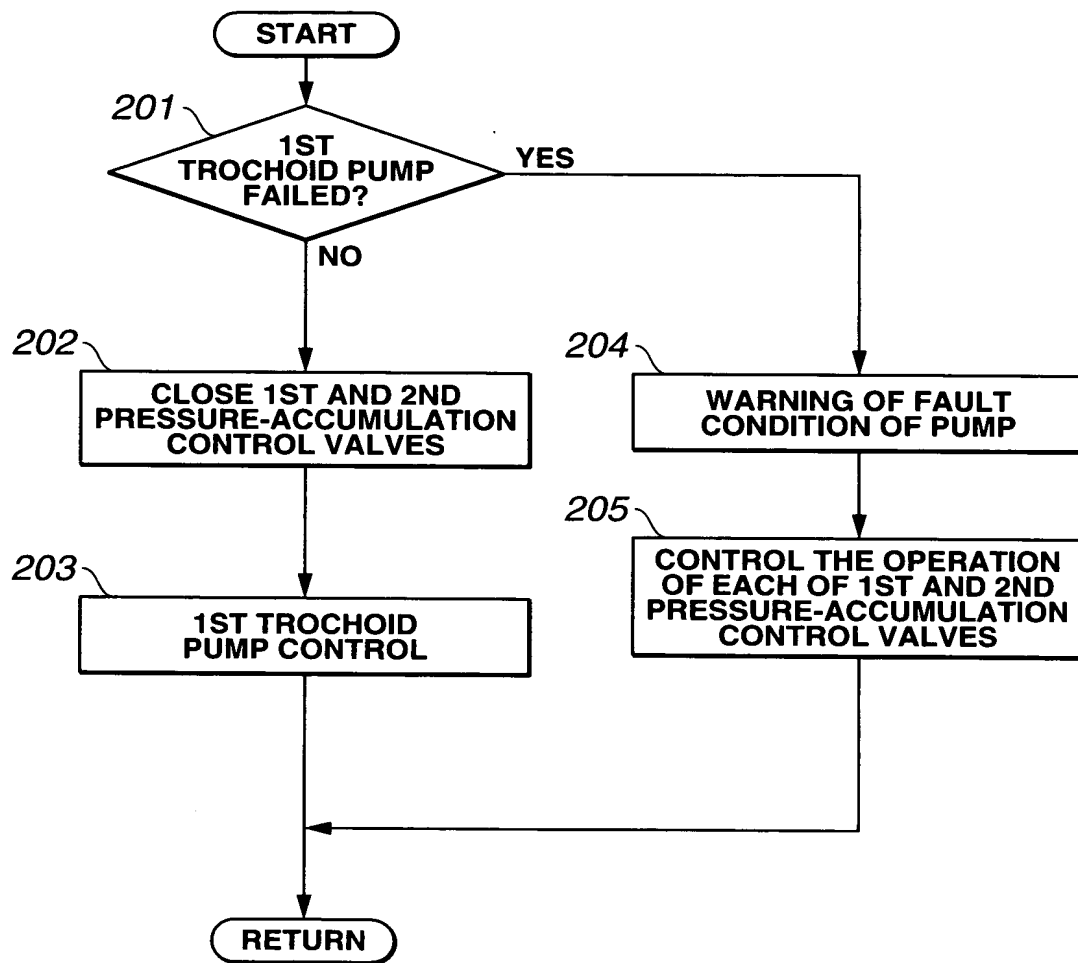


FIG.33

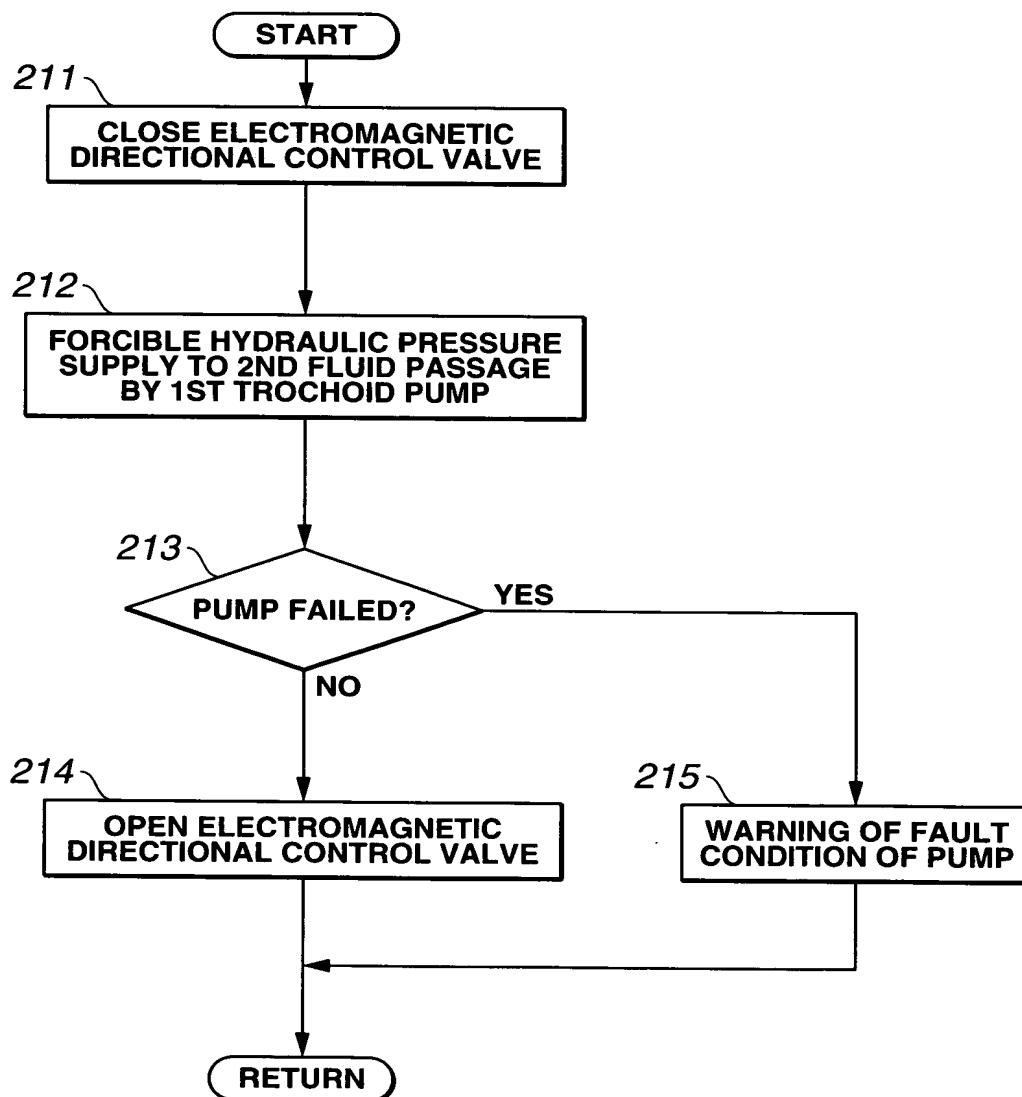


FIG.34

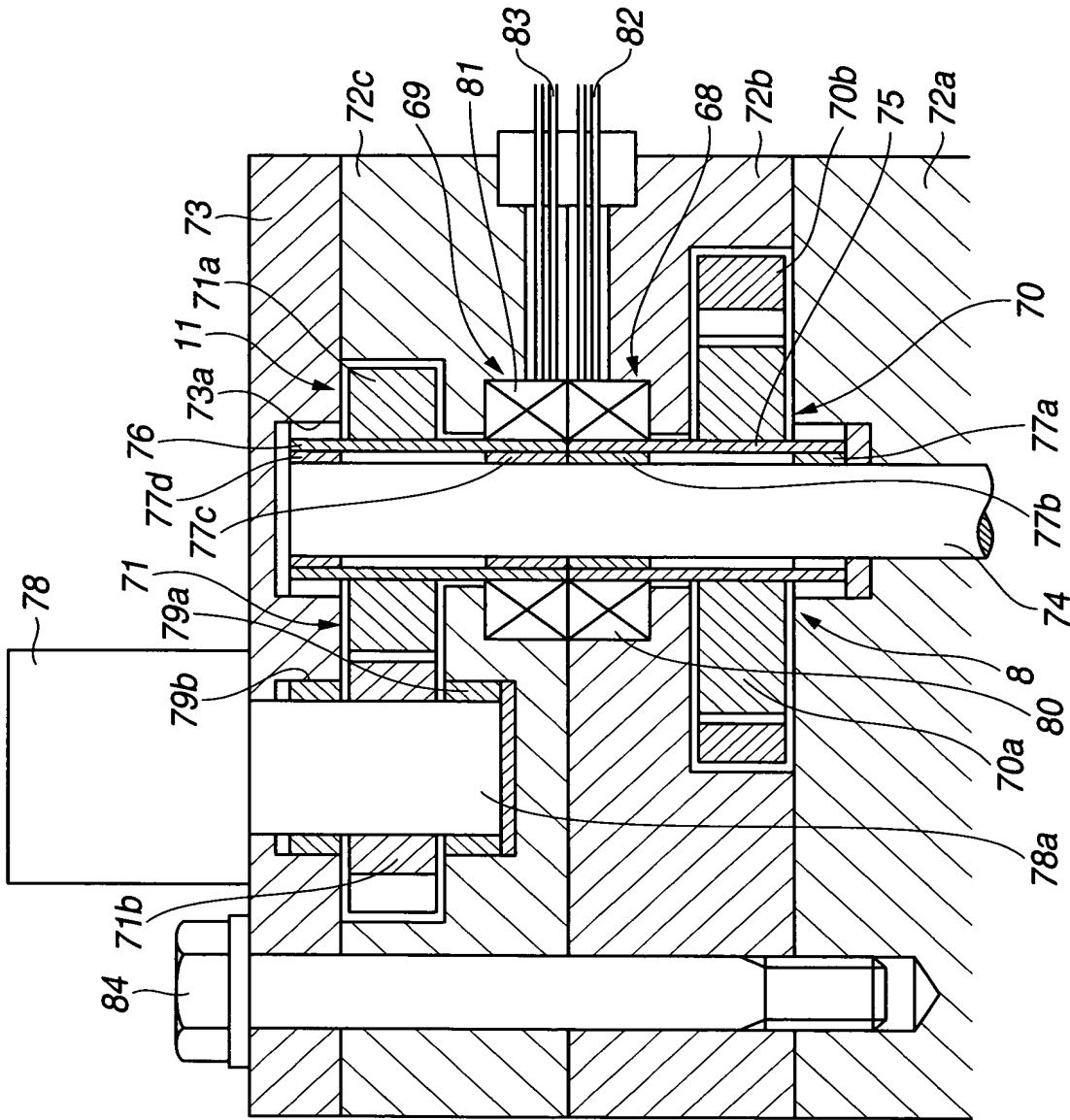
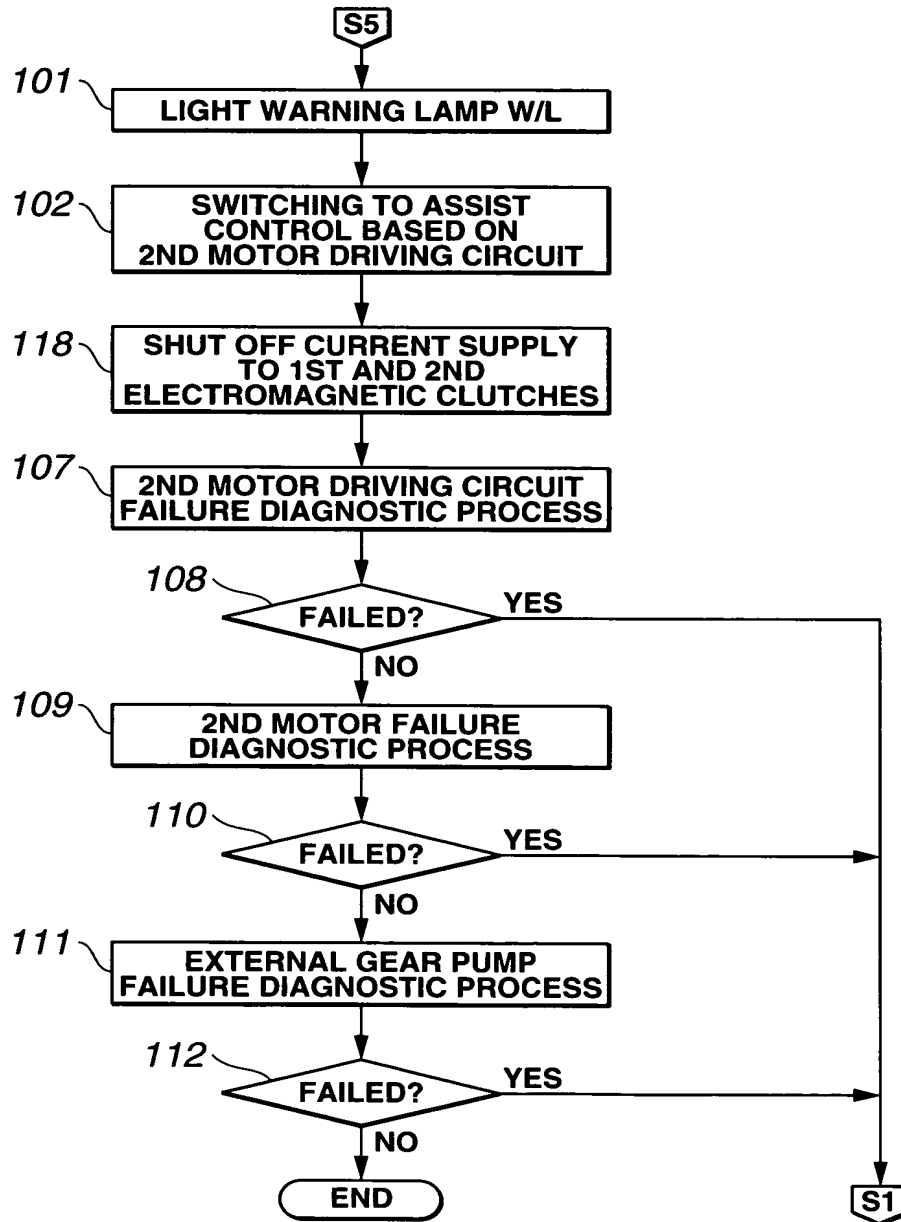


FIG.35



This cross-sectional view shows a mechanical assembly with a central cavity 74. A central shaft 89 is positioned within this cavity. The assembly is composed of several layers or components, including 71a, 71, 72b, and 72a. Various internal features and components are labeled with reference numerals: 84 (a bolt or cap screw on the left), 87a, 85, 71b, 89, 86b, 11, 87b, 70b, 70a, 88, 86a, 74, 70, 8, 71, and 72b. The diagram uses hatching to distinguish different materials or sections of the assembly.